



# STIC EIC 2100 Search Request Form

149365

Today's Date: 31 March 2005

What date would you like to use to limit the search?

Priority Date: 11/14/2001

Other:

Name SHAHID ALAM

AU 2162 Examiner # 74493

Room # 3A41 Phone 2-4030

Serial # 09/993,786

Format for Search Results (Circle One):

PAPER DISK EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB

IEEE INSPEC SPI Other \_\_\_\_\_

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

A method of operating a workflow

Transmitting a form containing search result of document via document-processing center and displaying form ~~from~~ containing the search results..

Transmitting a inquiry request or sending a query or transmitting a query, generating a response in category.

Claims, abstract, summary of invention are enclosed For your review.

Please return the specification.

STIC Searcher

Geoffrey St. Leger

Phone

23540

Date picked up

3/31/5

Date Completed

3/31/5



File 275:Gale Group Computer DB(TM) 1983-2005/Mar 31  
(c) 2005 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Mar 31  
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File 636:Gale Group Newsletter DB(TM) 1987-2005/Mar 31  
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File 16:Gale Group PROMT(R) 1990-2005/Mar 31  
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File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2005/Mar 31  
(c)2005 The Gale Group  
File 624:McGraw-Hill Publications 1985-2005/Mar 31  
(c) 2005 McGraw-Hill Co. Inc  
File 15:ABI/Inform(R) 1971-2005/Mar 31  
(c) 2005 ProQuest Info&Learning  
File 647:CMP Computer Fulltext 1988-2005/Feb W4  
(c) 2005 CMP Media, LLC  
File 674:Computer News Fulltext 1989-2005/Mar W4  
(c) 2005 IDG Communications  
File 696:DIALOG Telecom. Newsletters 1995-2005/Mar 30  
(c) 2005 The Dialog Corp.  
File 369:New Scientist 1994-2005/Mar W2  
(c) 2005 Reed Business Information Ltd.

Set	Items	Description
S1	8381426	RESULT? ? OR ANSWER? ? OR HIT OR HITS
S2	1043951	(WITHIN OR INSIDE OR IN) (5W) (FORM OR FORMS)
S3	35583	CONTAIN??? (5N) (FORM OR FORMS)
S4	6141	S1(5N) S2:S3(5N) (SEND??? OR SENT OR TRANSMIT? OR TRANSMISSI- ON OR TRANSFER? OR FORWARD??? OR DELIVER? OR RETRIEV? OR OBTAIN??? OR FETCH??? OR RETURN??? OR RECEIV??? OR PROVID???)
S5	123	S4(30N) (S1(5N) (SEARCH OR QUERY OR QUERIE? ? OR REQUEST?) OR RESULTS() (PAGE OR SCREEN OR LIST OR LISTING))
S6	83	RD (unique items)
S7	72	S6 NOT PD>2001-1-14

7/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02408060 SUPPLIER NUMBER: 62652904 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**BullsEye 2 Turns Pro.**(BullsEye 2 Turns Pro -- Intellisearch's BullsEye 2 Pro  
provides professional-level Web-based research in an easy-to-use  
package.) (Evaluation)  
DeJesus, Edmund X.  
WinMag.com, NA  
April 25, 2000  
DOCUMENT TYPE: Evaluation LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 324 LINE COUNT: 00029

TEXT:

...installation to see BullsEye 2 Pro in action. (click to see larger  
image) Tracker can deliver new results in a variety of forms .You  
can add notes to sites you've visited, and generate HTML reports of your  
search results that you can save or email to colleagues. In short,  
BullsEye 2 Pro provides professional...

7/3,K/2 (Item 2 from file: 275)  
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02404944 SUPPLIER NUMBER: 62284990 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Pervasive SAP.**(Company Business and Marketing)  
GEE, CLIVE; JETZELSPERGER, RUDI  
Intelligent Enterprise, 3, 6, 10  
April 10, 2000  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 6505 LINE COUNT: 00564

... dynamically generated content.  
The ability to dynamically transcode XML-based data allows an  
application to provide query results in a completely  
client-independent form . The same output can then be transcoded for  
output to standard desktop Web browsers, smartphones...

7/3,K/3 (Item 3 from file: 275)  
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02397204 SUPPLIER NUMBER: 62025524 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Keeping Your Private Information Private.**(Industry Trend or Event)  
Glass, Brett  
PC Magazine, 118  
June 6, 2000  
ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3977 LINE COUNT: 00305

... to the site for the entire time you're there. Instead, your PC  
makes a request , receives an answer (usually in the form of a Web  
page), and disconnects right away. If, after reading the page, you decide  
...

7/3,K/4 (Item 4 from file: 275)  
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02183772 SUPPLIER NUMBER: 20776625 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Quark's QDMS: tailored for Quark users.**(Product Announcement)

Seybold Report on Publishing Systems, v27, n14, p41(1)  
April 13, 1998

DOCUMENT TYPE: Product Announcement      ISSN: 0736-7260      LANGUAGE:  
English      RECORD TYPE: Fulltext  
WORD COUNT: 937      LINE COUNT: 00075

... a name and saved. They can be made accessible to other users on the system. Search results will be returned in the form of a "hit list" that is highly customizable. It can contain whatever metadata fields are desired, and can...

7/3,K/5      (Item 5 from file: 275)  
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02060469      SUPPLIER NUMBER: 19365894      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Blueprint for growth: PC Week Labs' tips for ensuring site supply meets demand. (avoiding latency, overload problems) (Internet/Web/Online Service Information) (Tutorial)

Dyck, Timothy  
PC Week, v14, n17, p26(1)  
April 28, 1997  
DOCUMENT TYPE: Tutorial      ISSN: 0740-1604      LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 451      LINE COUNT: 00041

... cards will help shore it up.  
Application server latency affects how fast a server can query an external program and retrieve results (usually in the form of HTML text). The two most relevant factors affecting latency are gateway type and the...

7/3,K/6      (Item 6 from file: 275)  
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02032002      SUPPLIER NUMBER: 19055692      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Accessing corporate data from the Web. (new technologies)  
(Internet/Web/Online Service Information)

Mazingo, Sue  
Digital Systems Report, v18, n5, p27(3)  
Winter, 1996  
ISSN: 1086-9638      LANGUAGE: English      RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1260      LINE COUNT: 00107

... such as SQL statements and Perl scripts directly into the text of HTML pages. Database queries sent to Sybase database servers result in responses to the Web server in the form of pure HTML text. A developer can create a Web page that generates personalized content...

7/3,K/7      (Item 7 from file: 275)  
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01969658      SUPPLIER NUMBER: 18593221  
Setting up shop on the Web. (Pacific Coast Software's WebCatalog 1.5)  
(Software Review) (Evaluation)

Lin, Charles  
Computer Shopper, v16, n9, p468(2)  
Sep, 1996  
DOCUMENT TYPE: Evaluation      ISSN: 0886-0556      LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract

WORD COUNT: 986 LINE COUNT: 00078

... Perl. Search engines created using Perl can be accessed from a Web page. The script returns the search results in a form of a generated Web page.

WebCatalog works in a similar fashion. It is a CGI...

7/3,K/8 (Item 8 from file: 275)  
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01969466 SUPPLIER NUMBER: 18590029  
LiveWire. (Netscape's solution for publishing database data on the Web) (one of three solutions evaluated in "Grab That Data(base)") (Software Review) (Evaluation)  
Garris, John  
PC Magazine, v15, n15, pNE18(1)  
Sep 10, 1996  
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 664 LINE COUNT: 00058

... used the DATABASE.CURSOR command. It took as a parameter an SQL Select statement and returned query results in the form of a cursor. We then used other JavaScript statements to insert our query results dynamically into a format-ted table in an HTML page. We could also easily access...

7/3,K/9 (Item 9 from file: 275)  
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01942743 SUPPLIER NUMBER: 18303145 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Students in alternative program benefit from learning library. (Liafail's Lifetime Library basic skills program) (Product Information)  
T H E Journal (Technological Horizons In Education), v23, n8, p67(1)  
March, 1996  
ISSN: 0192-592X LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 784 LINE COUNT: 00064

...ABSTRACT: math; intermediate reading skills; and high school math, reading and writing, respectively. Students can view results immediately and request hints during lessons. The software also provides incentives in the form of instant feedback and credit for completed assignments, allowing them to manage their own education...

7/3,K/10 (Item 10 from file: 275)  
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01921377 SUPPLIER NUMBER: 18164358 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
ODBC branches out. (ODBC Special Report) (Technology Information)  
North, Ken  
DBMS, v9, n4, pS4(9)  
April, 1996  
ISSN: 1041-5173 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 5016 LINE COUNT: 00430

... ODBC paradigm for remote business logic. ODBC permits a developer to use centralized business rules in the form of stored procedures that take input parameters and return parameters or result sets. Programmers can dynamically query ODBC's SQLProcedures and

SQLProcedureColumns functions for information about procedures and use  
SQLExecDirect to execute...

7/3,K/11 (Item 11 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01872894 SUPPLIER NUMBER: 17817080 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Authoring software fronts Web pages; Vermeer's FrontPage eases creation and  
administration in client/server environments. (Vermeer Technologies'  
FrontPage document management software) (Software Review) (Evaluation)**  
Bethoney, Herb  
PC Week, v12, n48, p96(2)  
Dec 4, 1995  
DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1007 LINE COUNT: 00083

... Vermeer's own text-search engine, which can determine whether the  
client browser can accept **search results** in a form-based format and  
**returns its search results** accordingly.

The Editor automatically converts RTF (Rich Text Format) and text  
files to HTML format...

7/3,K/12 (Item 12 from file: 275)  
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01742003 SUPPLIER NUMBER: 16532327 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Blyth offers TrueAccess for database clients. (Blyth Software Inc's  
TrueAccess database access tool) (includes related article on data  
warehouses) (Software Review) (Evaluation)**  
Oski, Jonathan A.  
MacWEEK, v9, n8, p35(2)  
Feb 20, 1995  
DOCUMENT TYPE: Evaluation ISSN: 0892-8118 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1357 LINE COUNT: 00108  
>>>DLCT105: TYPE/DISPLAY error

7/3,K/20 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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02957083 Supplier Number: 77024876 (USE FORMAT 7 FOR FULLTEXT)  
**Motorola and Webhelp Deliver Access to the Entire Web Via Media-Rich  
Messages Sent to Palm OS Handheld Devices.**  
PR Newswire, pNA  
August 7, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 848

... are then sent as an instant message to Webhelp, where a web based  
support agent receives the **request** and responds -- **sending answers**  
to the Palm device in the form of dynamic multi-media messages. The  
ability to direct a question to a human researcher versus a database or  
traditional **search engine results** in one, complete **answer** for the  
user -- eliminating the need to surf the web for the information that's...

7/3,K/21 (Item 2 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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02916078 Supplier Number: 75816777 (USE FORMAT 7 FOR FULLTEXT)  
**NativeMinds Introduces Analytical Services for Measuring & Enhancing  
Customer Self-Service Effectiveness.**

Business Wire, p0218  
June 25, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 815

... vReps manage a company's online customer interactions by understanding users' natural language questions and providing fast, effective answers in the form of two-way conversation, without the need for human intervention. In addition to conversational replies, vReps provide relevant information gathered from multiple sources, including CRM systems, knowledgebases, search results, and Web site content. NativeMinds' vRep Performance Management package provides clients with rich analytical feedback...

7/3,K/22 (Item 3 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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02873486 Supplier Number: 73884513 (USE FORMAT 7 FOR FULLTEXT)  
**NativeMinds Selects Inktomi Search Technology to Enhance Natural Language  
Virtual Representative Solutions.**

Business Wire, p0190  
May 1, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 694

... vReps manage a company's online customer interactions by understanding users' natural language questions and providing fast, effective answers in the form of two-way conversation without the need for human intervention. In addition to conversational replies, vReps provide information gathered from multiple sources, including CRM systems, knowledgebases, document search results, and Web site content. NativeMinds vReps will use Inktomi Search Software to effectively answer general...

7/3,K/23 (Item 4 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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02544632 Supplier Number: 62836411 (USE FORMAT 7 FOR FULLTEXT)  
**Reed Group, Ltd. Launches AnswerMed.com.**

PR Newswire, pNA  
June 20, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 594

... a lay audience. On many of the "retail" medical sites, hundreds of items may be returned in the form of search results. The user must then sift through the relevant (and often irrelevant) topics to find an...

7/3,K/24 (Item 5 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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02491578      Supplier Number: 61938432 (USE FORMAT 7 FOR FULLTEXT)  
**CIS.com, Inc. Introduces the World's First Graphical Search Engine.**  
Business Wire, p1682  
May 8, 2000  
Language: English      Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count:      663

...      Web is designed to be the graphical representation of the Internet. We have created a **search** engine that **returns** the **search results** in the **form** of a banner ad or graphical representation of the site being searched."

    The idea behind...

7/3,K/25      (Item 6 from file: 621)  
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02433558      Supplier Number: 60375043 (USE FORMAT 7 FOR FULLTEXT)  
**Last Week to Enter IntelliSeek's Beat the Winter Blues Cash Giveaway; Enter Before March 24th and Win \$10,000 Cash Grand Prize.**  
Business Wire, p0082  
March 21, 2000  
Language: English      Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count:      432

...      said, "It (BullsEye 2 ) does exactly what I want it to do in performing a search on the Net. It **hits** all the major **search** engines, quickly compiles the information, weeds out all the useless **hits** and presents the **results** in a summary **form** that lets me quickly decide what data I want to **retrieve** . Added Schafish "It is software that works the way we imagine software should work."

    To...

7/3,K/26      (Item 7 from file: 621)  
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02133357      Supplier Number: 55297309 (USE FORMAT 7 FOR FULLTEXT)  
**Forest Glade International Inc. Announces Agreement.**  
Business Wire, p0304  
July 29, 1999  
Language: English      Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count:      462

...      the Internet with search engines. Even with six major search engines, users rarely obtain desirable **search results** , and often receive thousands of unusable matches. Web- Retriever .com's goal is to **provide** effective and accurate **search results** in a geographically based **form** whenever possible. Aggressively positioning the company as a functional online resource tool is expected to...

7/3,K/27      (Item 8 from file: 621)  
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01651076      Supplier Number: 48478278 (USE FORMAT 7 FOR FULLTEXT)  
**Cognos Announces PowerHouse Web**



PR Newswire, pN/A  
May 11, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 914

... These tools will receive browser-originated requests via the customer's Web server, process those requests and return results to the user in the form of an HTML page.

Today, Cognos customers can use PowerHouse 4GL for server-based application...

7/3,K/28 (Item 9 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01170598 Supplier Number: 42276363 (USE FORMAT 7 FOR FULLTEXT)  
**MICROLYTICS NEW WORD FINDER PLUS DELIVERS ONE MILLION SYNONYMS**  
News Release, pl  
August 6, 1991  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 589

... by the Xerox Palo Alto Research Center (PARC). This technology presents the user with synonyms in the proper inflected form of the search word. For example, enter hits and the program returns strikes, enter hittiig and the program returns striking.

Using autoinflection, Word Finder Plus is able...

7/3,K/29 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04982907 Supplier Number: 74489932 (USE FORMAT 7 FOR FULLTEXT)  
**WebWithoutWorries.com launch SecretAgent, a powerful web application for recruitment agencies.**  
M2 Presswire, pNA  
May 14, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 410

... specification documents. SecretAgent uses these documents as profiling data sources rather than have users fill in endless forms. Our intelligent search engine returns the correct results by interrogating this data. Fast, yet accurate", says David Ellis.  
Additional Information about WebWithoutWorries  
WebWithoutWorries...

7/3,K/30 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08719457 Supplier Number: 75508412 (USE FORMAT 7 FOR FULLTEXT)  
**Auto.DemographicsNow.com Provides Marketing Data For Auto**

Industry.(database service introduction from Experian and SRC  
L.L.C.) (Brief Article)  
Direct Marketing, v63, n12, p18  
April, 2001  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Trade  
Word Count: 386

Query results are immediately delivered to the user's browser  
in the form of presentation-quality reports and maps, reducing the time  
required for automotive dealers, dealer associations...

7/3,K/31 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07759726 Supplier Number: 64719050 (USE FORMAT 7 FOR FULLTEXT)  
Six Degrees of Affiliation: THE SMALL WORLD OF SEARCH TOOLS.  
Allen, Maryellen Mott  
Online, v24, n5, p49  
Sept, 2000  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Professional Trade  
Word Count: 1632

... through investments and joint ventures, such as MSNBC. Microsoft  
has a Web search tool presence in the form of MSN. In turn, MSN  
partners with Direct Hit to provide increased relevancy in its search  
results. Lycos, HotBot, Looksmart, GoTo, About.com, AOL search, and  
Infoseek also employ Direct Hit's services.

WHAT DOES IT ALL MEAN?

In time, one can get positively dizzy tracing...

7/3,K/32 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06763756 Supplier Number: 55715082 (USE FORMAT 7 FOR FULLTEXT)  
HIGH-TECH ENTREPRENEUR AT IT AGAIN: AFTER DYNASTY DEBACLE, LYONS CAN'T GET  
LOCAL INVESTORS TO BACK DITTO.COM.  
ROSE, BARBARA  
Crain's Chicago Business, p4  
Sept 6, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 885

... opportunities'' to consumers. For instance, a search on the words  
''springer spaniel'' not only would deliver search results in the  
form of pictures of spaniels, but also images of products for dogs that  
could be purchased...

7/3,K/33 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06294974 Supplier Number: 54474832 (USE FORMAT 7 FOR FULLTEXT)  
Choosing an intranet Search engine.  
Fichter, Darlene  
Online, v23, n3, p47(1)  
May, 1999

Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2418

... visual and interactive manner. Other search engines offer personalization services, such as Compass, that periodically **send search results** to users in the form of a newsletter. What are the needs of your users? Would some of these personalization...

7/3,K/34 (Item 5 from file: 16)  
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04155372 Supplier Number: 46067825 (USE FORMAT 7 FOR FULLTEXT)  
**Adding Interactive Services To Your Web Server**  
Network Computing, p162  
Jan 15, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 3583

... that is sent to the server, which then spawns an application that conducts the actual **search** and **returns** the "hits" in HTML form.  
So, to **answer** the question about the kinds of applications that can be called by the server: They...

7/3,K/35 (Item 6 from file: 16)  
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04104585 Supplier Number: 45985228 (USE FORMAT 7 FOR FULLTEXT)  
**Authoring software fronts Web pages**  
PC Week, p96  
~~Dec 4, 1995~~  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 951

... Vermeer's own text-search engine, which can determine whether the client browser can accept **search results** in a form-based format and **returns** its **search results** accordingly.  
The Editor automatically converts RTF (Rich Text Format) and text files to HTML format...

7/3,K/36 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03762811 Supplier Number: 45345812 (USE FORMAT 7 FOR FULLTEXT)  
**New Tool From IBM Lets DB/2 Users Access Web Data**  
CommunicationsWeek, p11  
Feb 20, 1995  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 302

... let WWW browser clients access DB2 data and query the data. It will take the **results** of the **query** and format it in graphical or chart form and **send** it down on the Internet using HTML,' Harris said.  
Paul Cubbage, director of client/server...

7/3,K/37 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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14353731 SUPPLIER NUMBER: 56202350 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
CONSTRUCTING A DATABASE of Local Serials Holdings.(Statistical Data  
Included)  
Roberts, Gary  
Computers in Libraries, 19, 9, 24  
Oct, 1999  
DOCUMENT TYPE: Statistical Data Included ISSN: 1041-7915  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 3672 LINE COUNT: 00305

... to prompt the end user for a journal rifle, and an Active Server  
Page to **query** the database and **return** the **results** in a tabular  
**form**. (See Sidebar 4.) Both the HTML forms page (.html) and the Active  
Server Page file...

7/3,K/38 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

13785311 SUPPLIER NUMBER: 77608219 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Results follow a slow start.(Brief Article)  
Lazzaroli, Luca  
PFI Report, 22  
August, 2001  
DOCUMENT TYPE: Brief Article ISSN: 1364-7768 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 850 LINE COUNT: 00071

... projects that clearly benefit a public administration's needs. This  
will demonstrate that PPPs can **provide** a lasting **answer** in the  
**search** for new ~~forms~~ of financing for public procurement.  
Limitations of the PPP procedure  
Franco Vigliano, a partner at...

7/3,K/39 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

13686671 SUPPLIER NUMBER: 76953690 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Peering through the peer-to-peer fog.(Technology Information)  
Vrana, Greg  
EDN, 46, 16, 75  
July 19, 2001  
ISSN: 0012-7515 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 3813 LINE COUNT: 00304

... or failing results of the simulation to an internally developed  
flat-file database that collects **results** from all simulations and  
replicates the data in different **forms** to quickly **provide** **results**  
for large **queries**. For example, to see the pass/fail regression results  
of 250,000 tests requires only...

7/3,K/40 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

13363132 SUPPLIER NUMBER: 73836980 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Joining the In-Crowd.

NOTESS, GREG R.

EContent, 24, 3, 60

May, 2001

ISSN: 1525-2531

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1291

LINE COUNT: 00105

... economic incentive for Web sites to try and raise their profiles in the relevance-ranked **search engine results**. The higher the ranking, the greater the number of **hits** and, presumably, a more substantial **return** on investment.

These forces combined in the form of savvy Web marketers who created pages designed solely to draw more traffic to a...

7/3,K/41 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

13257343 SUPPLIER NUMBER: 72407543 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Limits of science let religions ponder life's big questions.**

HARRIS, DAVID

National Post, 3, 113, B9

March 10, 2001

ISSN: 1493-4779

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1051

LINE COUNT: 00087

... delineation between the material and the abstract world, between facts and concepts. He says religion in its myriad

**forms** isn't primarily about **providing pat answers** to life's **queries** and problems. Rather, it gives humanity the means or tools to consider the abstract world...

7/3,K/42 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

12655275 SUPPLIER NUMBER: 65803867 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Word bites and user-defined documents.**

Brody, Roberts

EContent, 23, 5, 16

Oct, 2000

ISSN: 1525-2531

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 2930

LINE COUNT: 00232

... fundamental part of the document--its native language--is it less of a distortion than **retrieving search results in KWIC form** or capturing word bites from a text?

ETHICAL CONSIDERATIONS

If documents do have some inherent...

7/3,K/43 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

11297934 SUPPLIER NUMBER: 55280175 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**CiteLine A Coherent Internet Research Strategy.** (Internet research software

CiteLine is very useful for pharmaceutical, diagnostics, medical device industries, and biotechnology)

Wilson, Joan

EContent, 22, 4, 25

August-Sept, 1999

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2314

LINE COUNT: 00188

... is not possible to easily pass along to someone else a summary listing of your **search results** in electronic form . In order to **send search results** to a requester , you have to select particular Web resources for them and then cut and paste the...

7/3,K/44 (Item 8 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

11186799 SUPPLIER NUMBER: 55144848 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Hotline to National Online Meeting 1999.  
Lanza, Sheri R.  
Searcher, 7, 7, 33  
July-August, 1999  
ISSN: 1070-4795 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 5631 LINE COUNT: 00447

... without charge. As the ad revenue increases, they want to eliminate document charges. Currently, when **search results** are **returned** , in the **form** of executive summaries, there is no way to determine which documents are free and which...

7/3,K/45 (Item 9 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08934599 SUPPLIER NUMBER: 18604147 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Plastics on the web. (World Wide Web)  
British Plastics & Rubber, p32(3)  
June, 1996  
ISSN: 0307-6164 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1342 LINE COUNT: 00102

... has a searchable database of some 20,000 plastics materials on its site. You fill in a search **form** and the Internet **sends** your **query** to the Ides server. The **result** is back on your screen almost immediately (ILLUSTRATION FOR FIGURE 2 OMITTED). Something similar is...

7/3,K/46 (Item 10 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08687902 SUPPLIER NUMBER: 18306921 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Restructuring records retention. (California Federal Bank of Los Angeles)  
(includes related article)  
Wyman, Peter; McDole, V.O.  
America's Community Banker, v5, n3, p33(5)  
March, 1996  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3054 LINE COUNT: 00249

... both the RAID and optical storage layers. Dramatically reduced turn-around times are expected to **result** from this implementation. **Requests** , frequently in the **form** of subpoenas, for **retrieval** of the prior years' statements for an individual or corporation can now be accomplished in...

7/3,K/47 (Item 11 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08032461 SUPPLIER NUMBER: 17327416 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Microsoft monopoly? Never! (Column)  
Tibbetts, John; Bernstein, Barbara  
InformationWeek, n538, p112(1)  
July 31, 1995  
DOCUMENT TYPE: Column ISSN: 8750-6874 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 620 LINE COUNT: 00052

... owner might render them all in Word instead of some neutral format.  
Microsoft Network could provide an option to see network search  
results in spreadsheet form --and not just any spreadsheet, if you  
catch our drift.

The reverse would work, too...

7/3,K/48 (Item 12 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

07267438 SUPPLIER NUMBER: 15388402 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Alpha Four upgrade boosts speed; 4.0 features 32-bit architecture. enhanced  
memory. (Alpha Software's Alpha Four 4.0 DBMS) (Brief Article) (Product  
Announcement)  
Knibbe, Willem  
InfoWorld, v16, n21, p30(1)  
May 23, 1994  
DOCUMENT TYPE: Product Announcement ISSN: 0199-6649 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 389 LINE COUNT: 00029

... payable, and payroll data, also appreciated the Query by Form  
feature, which lets users type in example data on a form and  
automatically compiles the search syntax and returns results.

Alpha Four's Report by Query feature lets users store searches, save  
expressions in a report definition, and set up reports...

7/3,K/49 (Item 13 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

06777597 SUPPLIER NUMBER: 14679289 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Reality check time for "terms and conditions." (database industry)  
Information Today, v10, n9, p7(3)  
Oct, 1993  
ISSN: 8755-6286 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 2017 LINE COUNT: 00161

... s use of the information." The same paragraph that contains the  
latter warning also states, " Search results received by Customer in  
machine-readable form remain the property of the ..." database producer.  
One wonders why they bother. One also wonders...

7/3,K/50 (Item 14 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

06516109 SUPPLIER NUMBER: 13818245 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Paper chase for tough times; some cheapskate rules.  
Quint, Barbara  
Document Delivery World, v9, n2, p42(4)  
Feb-March, 1993

ISSN: 1067-0815      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 2121      LINE COUNT: 00170

... weeks later, no one could have been less interested than the ILL runner. If clients **receive search results in printout form**, they should at least be instructed to **send** or bring the search or a copy of it with the requests.

Speaking of not...

7/3,K/51      (Item 15 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

05586803      SUPPLIER NUMBER: 11634603      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Exploring the effects of postcard prenotification on industrial firms' response to mail surveys.**

Murphy, Paul R.; Daley, James M.; Dalenberg, Douglas R.  
Journal of the Market Research Society, v33, n4, p335(7)  
Oct, 1991

ISSN: 0025-3618      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 3264      LINE COUNT: 00288

... of the large number of response content items (ie, questions related to the international freight **forwarder** 's role in international distribution), individual **results** will not be presented **in tabular form**. Rather, the prenotified/non-prenotified comparisons will be summarised according to major topic areas. The authors will provide more detailed empirical **results** upon **request**.

One portion of the survey asked respondents to evaluate ten factors which might be considered...

7/3,K/52      (Item 16 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

04839292      SUPPLIER NUMBER: 08992364      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Information sources for the graphic arts. (includes related information on databases and Cahners Economics)**

Rozgonyi, Timothy D.  
Graphic Arts Monthly, v62, n10, p129(4)  
Oct, 1990

ISSN: 1047-9325      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 1637      LINE COUNT: 00131

... available published information. Much manual digging is still necessary when doing comprehensive information searches.

The **results** of a literature **search** can be **delivered in a** number of **forms** --photocopies, a computer printout, or a floppy disk--and by various methods--fax, overnight shipment...

7/3,K/53      (Item 17 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

04607843      SUPPLIER NUMBER: 09117227      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Database management for improved test laboratory effectiveness.**

Jones, Keith T.  
Automotive Engineering, v98, n6, p55(6)  
June, 1990

ISSN: 0098-2571      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 3055      LINE COUNT: 00259



... global engineering systems. Isolated testing The isolated test essentially performs the requesting design engineer's request and returns its results in the form of a report. Traditionally, the design department may have requested several test schedules on a...

7/3,K/54 (Item 18 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

04521106 SUPPLIER NUMBER: 08360337 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
CROSSTALK and mirror: what's new under the CROSSTALK standard. (part 1)  
(includes related information)  
Palincsar, Stephen F.  
Online, v14, n2, p46(5)  
March, 1990  
CODEN: ONLID ISSN: 0146-5422 LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
WORD COUNT: 2879 LINE COUNT: 00225

... online searchers that others, Koga fails to distinguish between interactive searching and the displaying of search results .

The use of DIALMAIL for next day delivery of citations in machine-readable form is an attractive alternative for DIALOG searchers, faster than mail delivery of offline prints, and cheaper than displaying search results with the TYPE command. Using background communications, online searchers can continue to use their computers...

7/3,K/55 (Item 19 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

03718994 SUPPLIER NUMBER: 06833872 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
SDIs: the star wars of business searching. (column)  
Ojala, Marydee  
Database, v11, n6, p82(8)  
Dec, 1988  
DOCUMENT TYPE: column ISSN: 0162-4105 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 3003 LINE COUNT: 00229

... SDI service SDI.. Of the traditional SDI services, DIALOG has probably made the most improvements. Results of your search can be delivered in paper form or electronically through DIALMAIL. If you opt for paper, your results are printed on a high-speed laser printer in Palo Alto and mailed first class...

7/3,K/56 (Item 20 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

02974305 SUPPLIER NUMBER: 04432233 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Fitness for your kids.  
Wellemeyer, Marilyn  
Fortune, v114, p140(3)  
Oct 27, 1986  
ISSN: 0015-8259 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1590 LINE COUNT: 00124

7/3,K/57 (Item 1 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

00807430

**WAGNER, PARTIES NUDGE FORWARD EL PASO CAPACITY-TURNBACK PROCEEDING**

Inside FERC, Vol. 18, No. 21, Pg 15

October 14, 1996

JOURNAL CODE: FERC

SECTION HEADING: PIPELINE RATES ISSN: 0-163-948X

WORD COUNT: 643

TEXT:

... willing to give too little," he observed. By the end of the session, the discovery requests that El Paso must answer were pared down to 19. Plus, the pipeline agreed to provide in "narrative form" details of transportation contract negotiations it conducted with Pacific Gas and Electric Co. during the...

7/3,K/58 (Item 2 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

0408896

**Rivals Compete for E-mail Standards**

Unix World, Vol. IX, No. 7, Pg 89

July, 1992

JOURNAL CODE: UNIX

SECTION HEADING: Standards ISSN: 0739-5922

WORD COUNT: 1,894

TEXT:

...user agent," which encodes the address and packages the message contents for mailing. As a result, the user-agent software can request the address from the sender in any appropriate form, and the address details can be hidden from the sender if desired. In addition, because...

7/3,K/59 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

02274645 89367199

**A clinical librarian can support clinical governance**

Ward, Linda M; Honeybourne, Claire J; Harrison, Janet

British Journal of Clinical Governance v6n4 PP: 248-251 2001

ISSN: 1466-4100 JRNL CODE: BCGV

WORD COUNT: 2475

...TEXT: with the clinical team; and find out if clinicians wanted the librarian to filter the results of the search, hand picking full text articles and providing a summary of the results in the form of a digest.

Methodology

A scoping study (Lewis, 1998) carried out in 1998 had identified...

7/3,K/60 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

01637213 02-88202

**IHS Releases Trade Regulations CD-ROM Product for Exporters**

Anonymous  
Information Today v15n5 PP: 36 May 1998  
ISSN: 8755-6286 JRNL CODE: IFT  
WORD COUNT: 366

...TEXT: information is updated on a monthly basis. The data, combined with value-added interactive fill-in forms and a powerful search engine for information retrieval, answers exporting questions and saves research time and money in complying with U.S. Customs and...

7/3,K/61 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01203162 98-52557  
**Finding P&IM resources on the Internet**  
Finch, Byron J  
Production & Inventory Management Journal v37n1 PP: 82-85 First Quarter 1996  
ISSN: 0897-8336 JRNL CODE: PIM  
WORD COUNT: 2194

...TEXT: and an advanced query option that allows the use of "and," "or," "not," and "near." Search results are provided in a compact form, just listing the site title and a brief description; or in a detailed form, which...

7/3,K/62 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01095033 97-44427  
**Individual, Inc.**  
Basch, Reva  
Link-Up v12n5 PP: 6-7 Sep/Oct 1995  
ISSN: 0739-988X JRNL CODE: LUP  
WORD COUNT: 1782

...ABSTRACT: newspaper," drawing on hundreds of different sources - wire services, newspapers, magazines, and business publications - and delivering search results directly to the user's desktop in a variety of forms. Individual has adapted the same basic concept to an entire line of information retrieval products...  
...TEXT: idea, drawing on hundreds of different sources--wire services, newspapers, magazines, and business publications--and delivering search results directly to the user's desktop in a variety of forms, including fax, e-mail, wireless communications, enterprise-wide groupware like Lotus Notes, and most recently...

7/3,K/63 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00798320 94-47712  
**Antitrust - Pre-merger compliance**  
Brock, Thomas H  
Health Systems Review v26n6 PP: 36-38 Nov/Dec 1993  
ISSN: 0891-0200 JRNL CODE: FAH  
WORD COUNT: 2638

...TEXT: of the document and the name of the person from whose files the documents were obtained, both in printed form and, if available, on

computer disk.

As a **result** , parties **receiving** a second **request** have a very difficult choice between delaying the transaction or incurring the additional costs necessary...

7/3,K/64 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00783372 94-32764  
**Marketing information systems in the Fortune 500 companies: Past, present, and future**  
Li, Eldon Y; McLeod, Raymond Jr; Rogers, John C  
Journal of Management Information Systems: JMIS v10n1 PP: 165-192 Summer 1993  
ISSN: 0742-1222 JRNL CODE: JMI  
WORD COUNT: 8625

...TEXT: importance during the past ten years.

#### INFORMATION-PRODUCING OUTPUT SUBSYSTEMS

The information system has traditionally **provided** output information in the **form** of periodic reports, responses to database **queries** , and **results** from mathematical simulations. Early MKIS designs called for these outputs to be produced in the...

7/3,K/65 (Item 7 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00783113-94-32505  
**Reality check time for "Terms and Conditions"**  
Quint, Barbara  
Information Today v10n9 PP: 7-9 Oct 1993  
ISSN: 8755-6286 JRNL CODE: IFT  
WORD COUNT: 1854

...TEXT: s use of the information." The same paragraph that contains the latter warning also states, " **Search results received** by Customer in machine-readable **form** remain the property of the..." database producer. One wonders why they bother. One also wonders...

7/3,K/66 (Item 8 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00639730 92-54670  
**Z39.50 and the Scholar's Workstation Concept**  
Phillips, Gary Lee  
Information Technology & Libraries v11n3 PP: 261-270 Sep 1992  
ISSN: 0730-9295 JRNL CODE: JLA  
WORD COUNT: 3854

...TEXT: a result set no longer needed.

7. Termination facility: client initiates termination of session and **requests** deletion of remaining **result** sets.

All these functions are **provided** by the Z39.50 standard in the **form** of application protocol data units (APDUs).(8) Each APDU specification

actually includes a pair of...

7/3,K/67 (Item 9 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00072433 78-06754  
**2001: A Computer Space Odyssey**  
Tomeski, Edward A.; Wood, Dorothy E.; Stephenson, George  
Journal of Systems Management v29n4 PP: 6-9 April 1978  
ISSN: 0022-4839 JRNLCODE: JSM

...ABSTRACT: age in which man can rely more heavily on the computer for information storage and **retrieval** in a usable **form**. This conversation consists of commands, statements, **queries**, **answers** to **queries**, and other messages between people and the computer. Currently, most humans must learn a foreign...

7/3,K/68 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2005 CMP Media, LLC. All rts. reserv.

01079114 CMP ACCESSION NUMBER: NWC19960115S0044  
**Adding Interactive Services To Your Web Server** (E-Mail & Messaging)  
Eric Hall  
NETWORK COMPUTING, 1996, n 701, PG162  
PUBLICATION DATE: 960115  
JOURNAL CODE: NWC LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Workshops  
WORD COUNT: 3309

... ~~that is sent to the server~~, which then spawns an application that conducts the actual **search** and **returns** the "**hits**" in **HTML form**.  
So, to **answer** the question about the kinds of applications that can be called by the server: They...

7/3,K/69 (Item 2 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2005 CMP Media, LLC. All rts. reserv.

01070115 CMP ACCESSION NUMBER: CWK19951106S0013  
**How the PhotoDisc Web site works** (Web Commerce)  
John Evan Frook  
COMMUNICATIONSWEEK, 1995, n 583, PGIA14  
PUBLICATION DATE: 951106  
JOURNAL CODE: CWK LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Interactive Age  
WORD COUNT: 253

... as Common Gateway Interface scripts that go from the Web server to the database and **retrieve search results**. Once the **results** are **retrieved**, they are **delivered** back to the Web server in the **form** of a HyperText Markup Language document with graphics.  
Navigation and design of PhotoDisc's site...

7/3,K/70 (Item 3 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2005 CMP Media, LLC. All rts. reserv.

01060523 CMP ACCESSION NUMBER: IWK19950731S0064  
Microsoft Monopoly? Never! - But think how the company could profit if it  
would relax its scruples (Tibbetts and Bernstein: Competitive  
Advantages)  
INFORMATIONWEEK, 1995, n 538, PG112  
PUBLICATION DATE: 950731  
JOURNAL CODE: IWK LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Columnist  
WORD COUNT: 586

... owner might render them all in Word instead of some neutral format.  
Microsoft Network could provide an option to see network search  
results in spreadsheet form -and not just any spreadsheet, if you catch  
our drift.

The reverse would work, too...

7/3,K/71 (Item 4 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2005 CMP Media, LLC. All rts. reserv.

01044353 CMP ACCESSION NUMBER: CWK19950220S0025  
New Tool From IBM Lets DB/2 Users Access Web Data (IN BRIEF)  
TALILA BARON  
COMMUNICATIONSWEEK, 1995, n 544, PG11  
PUBLICATION DATE: 950220  
JOURNAL CODE: CWK LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Network Applications  
WORD COUNT: 298

... let WWW browser clients access DB2 data and query the data. It  
will take the results of the query and format it in graphical or  
chart form and send it down on the Internet using HTML," Harris said.  
Paul Cabbage, director of client/-server...

7/3,K/72 (Item 5 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2005 CMP Media, LLC. All rts. reserv.

01044144 CMP ACCESSION NUMBER: IWK19950227S0051  
Pulling In The Net - InfoSeek, VocalTec offer search and voice options to  
Internet users online (Manager's Notebook)  
Clinton Wilder  
INFORMATIONWEEK, 1995, n 516, PG96  
PUBLICATION DATE: 950227  
JOURNAL CODE: IWK LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Networking  
WORD COUNT: 330

... Who makes the fastest Pentium PC?'' or ``Where are the best Newt  
Gingrich jokes?'' InfoSeek Search returns answers in the form of  
a list of articles, Usenet groups, or Web page addresses. Each entry is  
hyperlinked...

File 347:JAPIO Nov 1976-2004/Nov(Updated 050309)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200519

(c) 2005 Thomson Derwent

Set	Items	Description
S1	943840	RESULT? ? OR ANSWER? ? OR HIT OR HITS
S2	796168	(WITHIN OR INSIDE OR IN) (5W) (FORM OR FORMS)
S3	67137	CONTAIN??? (5N) (FORM OR FORMS)
S4	848	S1(5N)S2:S3(5N) (SEND??? OR SENT OR TRANSMIT? OR TRANSMISSI- ON OR TRANSFER? OR FORWARD??? OR DELIVER? OR RETRIEV? OR OBTAIN??? OR FETCH??? OR RETURN??? OR RECEIV??? OR PROVID???)
S5	33	S4(30N) (S1(5N) (SEARCH OR QUERY OR QUERIE? ? OR REQUEST?) OR RESULTS() (PAGE OR SCREEN OR LIST OR LISTING))
S6	11	S5 AND AC=US/PR
S7	10	S6 AND AY=(1970:2001)/PR
S8	14	S5 AND PY=1970:2001
S9	21	S7:S8

9/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

05532166 \*\*Image available\*\*  
ELECTRONIC RETRIEVAL SYSTEM

PUB. NO.: 09-146966 [JP 9146966 A]  
PUBLISHED: June 06, 1997 ( 19970606)  
INVENTOR(s): UNOKI MUNEO  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company  
or Corporation), JP (Japan)  
APPL. NO.: 07-300903 [JP 95300903]  
FILED: November 20, 1995 (19951120)  
INTL CLASS: [6] G06F-017/30; H04L-012/54; H04L-012/58  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 44.3  
(COMMUNICATION -- Telegraphy)

#### ABSTRACT

PROBLEM TO BE SOLVED: To deliver retrieval result to retrieval requester in the form of an electronic mail by providing an electronic mail means which transmits and receives a retrieval instruction or retrieval result in the form of an electronic mail and sets the output destination of the retrieval result.  
SOLUTION: A retrieval requester inputs a retrieval key word consisting of a retrieval request and an item to be retrieved to an electronic mail text by operating the keyboard of an electronic mail device 18, which sends the retrieval request through a communication line 17. A retrieval acceptance part 13 of a retrieval controller 12 extracts the retrieval request and retrieval key word from the electronic mail text and passes them to a retrieval request part 14, and also transmits the kind of the output destination and the return address and FAX number of the electronic mail to a retrieval result output part 16. A retrieval device 11 performs retrieval from a data base on a retrieval device 16, and the retrieval result output part 16 sends the retrieval result to a retrieval terminal through the communication line 17. Further, the result is outputted to a specified facsimile equipment

9/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

03597869  
FUZZY RETRIEVING METHOD

PUB. NO.: 03-260769 [JP 3260769 A]  
PUBLISHED: November 20, 1991 ( 19911120)  
INVENTOR(s): MATSUSHITA ATSUSHI  
YOKOYAMA MITSUO  
APPLICANT(s): ESU AARU SOUKEN KK [000000] (A Japanese Company or  
Corporation), JP (Japan)  
MATSUSHITA ATSUSHI [000000] (An Individual), JP (Japan)  
YOKOYAMA MITSUO [000000] (An Individual), JP (Japan)  
APPL. NO.: 02-058794 [JP 9058794]  
FILED: March 09, 1990 (19900309)  
INTL CLASS: [5] G06F-015/40  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 1314, Vol. 16, No. 68, Pg. 4,  
February 19, 1992 (19920219)

#### ABSTRACT

PURPOSE: To obtain an answer to an ambiguous retrieving request by converting the attribute value included in a data base into a form corresponding to the ambiguous retrieving request by means of the general



adaptable degree.

CONSTITUTION: A simple fuzzy attribute, a composite fuzzy attribute, and a relative fuzzy attribute are generated based on the attribute values included in a data base. The adaptable degree is calculated for each attribute with selection of one of several conditions set between an OR and an AND. Then those attributes are combined with each other for calculation of the general adaptable degree, and the retrieving subjects are successively arrayed based on the calculated adaptable degree. Thus an answer is obtained to an ambiguous retrieving request with use of a conventional data base. Then the higher approximation is secured to the human judgement and the higher satisfaction is secured

9/5/5 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

015963121 \*\*Image available\*\*  
WPI Acc No: 2004-120962/200412  
Related WPI Acc No: 2002-140003  
XRPX Acc No: N04-096830

Query translating method for multilingual web documents, involves performing dialectal standardization of keyword extracted from query and translating into foreign language

Patent Assignee: CHAN N (CHAN-I); MA X (MAXX-I); ZHENGHUI X (ZHEN-I); ZHUO L (ZHUO-I)

Inventor: CHAN N; MA X; ZHENGHUI X; ZHUO L  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040006560	A1	20040108	US 2000561946	A	20000501	200412 B
			US 2000606655	A	20000628	
			US 2003449740	A	20030529	

Priority Applications (No Type Date): US 2000561946 A 20000501; US 2000606655 A 20000628; US 2003449740 A 20030529

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040006560	A1	9	G06F-007/00	Div ex application US 2000561946 Div ex application US 2000606655 Div ex patent US 6604101

Abstract (Basic): US 20040006560 A1

NOVELTY - A dialectal standardization is performed to a keyword extracted from the query in English. The dialectally standardized keyword is translated into a foreign language which is input into foreign language search engine. The results are obtained and displayed in the form of site names satisfying the search criteria.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for system for translating query for search and retrieval of multilingual web documents.

USE - For translating query for multilingual web documents.

ADVANTAGE - The method offers intelligible and comprehensible translations by dialectally standardizing keyword.

DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram of the process involved in query translating method.

pp; 9 DwgNo 2/3

Title Terms: QUERY; TRANSLATION; METHOD; WEB; DOCUMENT; PERFORMANCE; STANDARD; KEYWORD; EXTRACT; QUERY; TRANSLATION; FOREIGN; LANGUAGE

Derwent Class: T01

International Patent Class (Main): G06F-007/00

File Segment: EPI

9/5/6 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

015514691 \*\*Image available\*\*  
WPI Acc No: 2003-576838/200354  
XRPX Acc No: N03-458528

Workflow operation method for enterprises, involves searching requested document in service database and transmitting search result to user terminal through document processing center, for display

Patent Assignee: INVENTEC CORP (INVE-N)  
Inventor: CHANG S; WU H; WU H F  
Number of Countries: 002 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030093475	A1	20030515	US 2001993786	A	20011114	200354 B
GB 2382163	A	20030521	GB 200126982	A	20011109	200354 N

Priority Applications (No Type Date): US 2001993786 A 20011114; GB 200126982 A 20011109

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030093475	A1	18	G06F-015/16	
GB 2382163	A		G06F-017/60	

Abstract (Basic): US 20030093475 A1

NOVELTY - An inquiry request transmitted from a user terminal through a browser to network server, is forwarded to document processing center. An associated service database is initiated and the document is searched in it. The search result is transmitted to the document processing center. A form containing the searched result is transmitted from the document processing center through browser to user terminal for display.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a system for operating workflow in enterprise.

USE - For operating electronic workflow for enterprise based on client/server architecture over intranet and internet.

ADVANTAGE - The electronic workflow for an enterprise is automated in a simple manner, thereby improving processing efficiency and reducing overall cost.

DESCRIPTION OF DRAWING(S) - The figure is a schematic diagram explaining the workflow operation process.

pp; 18 DwgNo 7/7

Title Terms: OPERATE; METHOD; SEARCH; REQUEST; DOCUMENT; SERVICE; DATABASE; TRANSMIT; SEARCH; RESULT; USER; TERMINAL; THROUGH; DOCUMENT; PROCESS; DISPLAY

Derwent Class: T01

International Patent Class (Main): G06F-015/16; G06F-017/60

File Segment: EPI

9/5/8 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

015355286 \*\*Image available\*\*  
WPI Acc No: 2003-416224/200339  
XRPX Acc No: N03-331733

Visual search directory for online shopping, presents retrieved search result to user in animated, multimedia previews of relevant websites, based on search criteria

Patent Assignee: OXELIS INC (OXEL-N)  
Inventor: BEHZADI S; VIJAYAN M  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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US 6535888 B1 20030318 US 2000618983 A 20000719 200339 B

Priority Applications (No Type Date): US 2000618983 A 20000719

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6535888	B1		57	G06F-017/30	

Abstract (Basic): US 6535888 B1

NOVELTY - A database (11) organizes the animated, multimedia previews into a searchable directory (18). The user searches through the directory using a search criteria. The retrieved search result are presented to user in the form of animated, multimedia previews of relevant websites, based on search criteria. The products are interactively dragged and dropped into a visual shopping cart within interactive previews.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for visual search directory providing method.

USE - For online shopping of arts, collectibles, vehicles, books, clothing, accessories, computers, software, electronic products, flowers, gift, toys.

ADVANTAGE - Allows the user to access and retrieve results from directory in the form of animated, multimedia previews of relevant websites.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of system for visually and functionally extending the reach of websites. database (11)

searchable directory (18)

pp; 57 DwgNo 1/10

Title Terms: VISUAL; SEARCH; DIRECTORY; SHOPPING; PRESENT; RETRIEVAL;

SEARCH; RESULT; USER; ANIMATED; PREVIEW; RELEVANT; BASED; SEARCH;

CRITERIA

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

9/5/10 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015138889 \*\*Image available\*\*

WPI Acc No: 2003-199415/200319

XRPX Acc No: N03-158622

Domain-specific metasearch performance method in data mining system, involves supplying raw data search results to data mining module and displaying clusters of related documents on user interface

Patent Assignee: AGILENT TECHNOLOGIES INC (AGIL-N); CHUNDI P (CHUN-I);

HANDLEY S (HAND-I); KINCAID R (KINC-I); VAILAYA A (VAIL-I)

Inventor: CHUNDI P; HANDLEY S; KINCAID R; VAILAYA A

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020169764	A1	20021114	US 2001289927	P	20010509	200319 B
			US 200133823	A	20011219	
DE 10231161	A1	20031120	DE 1031161	A	20020710	200401

Priority Applications (No Type Date): US 2001289927 P 20010509; US

200133823 A 20011219

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020169764	A1		21	G06F-007/00	Provisional application US 2001289927

DE 10231161 A1 G06F-017/30

Abstract (Basic): US 20020169764 A1

NOVELTY - Documents on a selected set of generic, web-based search engines and domain relevant search engines are searched in response to a query received from a user. Raw data search results fetched in the form of text documents, are supplied to a data mining module (20). The clusters of related documents formed according to an unsupervised clustering procedure, are displayed on an user interface.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Domain-specific metasearch performance system; and
- (2) Computer-readable medium storing domain-specific metasearch performance program.

USE - For performing domain-specific metasearch using meta search engines e.g. Google, AltaVista, HotBot and PubMed, in data mining system.

ADVANTAGE - The domain specific meta search is performed efficiently so that the user quickly identifies and accesses the most relevant information.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of the domain-specific metasearch performance system.

Data mining module (20)

pp; 21 DwgNo 1/8

Title Terms: DOMAIN; SPECIFIC; PERFORMANCE; METHOD; DATA; MINE; SYSTEM; SUPPLY; RAW; DATA; SEARCH; RESULT; DATA; MINE; MODULE; DISPLAY; CLUSTER; RELATED; DOCUMENT; USER; INTERFACE

Derwent Class: T01

International Patent Class (Main): G06F-007/00; G06F-017/30

File Segment: EPI

9/5/14 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014057233 \*\*Image available\*\*

WPI Acc No: 2001-541446/ 200160

XRPX Acc No: N01-402435

Using a computer system to graphically display search results, e.g. represented as graphical shapes drawn in display area

Patent Assignee: STINSON K (STIN-I)

Inventor: STINSON K

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200153960	A1	20010726	WO 2001US1525	A	20010116	200160 B
US 20010034742	A1	20011025	US 2000176470	P	20000117	200170
			US 2000176614	P	20000118	
			US 2001761617	A	20010116	
AU 200127929	A	20010731	AU 200127929	A	20010116	200171

Priority Applications (No Type Date): US 2000176614 P 20000118; US

2000176470 P 20000117; US 2001761617 A 20010116

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200153960 A1 E 88 G06F-015/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20010034742 A1 G06F-017/30 Provisional application US 2000176470

AU 200127929 A G06F-015/00 Provisional application US 2000176614 Based on patent WO 200153960

Abstract (Basic): WO 200153960 A1

NOVELTY - Search request including a navigation location processed into a format required by search engine, is sent to search engine. The search results, which are proximal links related to the navigation location are received from the search engine. The search results are displayed in the display area, in form of graphical shapes. The graphical shapes reference data and respond to user selections allowing a user to access referenced data.

DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is made for a system using computer system to graphically display search results

USE - For improving ability to access map, search, navigate, and visualize complicated bodies of related information, e.g. bodies such a World Wide Web.

ADVANTAGE - The invention dynamically analyzes and maps information to provide and display relevant information over time in the temporal interface.

DESCRIPTION OF DRAWING(S) - Drawing is an illustration of a temporal user interface.

pp; 88 DwgNo 9/19

Title Terms: COMPUTER; SYSTEM; GRAPHICAL; DISPLAY; SEARCH; RESULT; REPRESENT; GRAPHICAL; SHAPE; DRAW; DISPLAY; AREA

Derwent Class: T01

International Patent Class (Main): G06F-015/00; G06F-017/30

International Patent Class (Additional): G06F-017/00; G06F-017/21;

G06F-017/24

File Segment: EPI

9/5/15 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013760678 \*\*Image available\*\*

WPI Acc No: 2001-244890/ 200125

XRAM Acc No: C01-073512

XRPX Acc No: N01-174360

Biological data searching and display, used in bioinformatics, comprises displaying graphical representation of modules which are selected from listing obtained by searching catalog using probe sequence

Patent Assignee: ERAGEN BIOSCIENCES INC (ERAG-N)

Inventor: BENNER S A; CHAMBERLIN S; KNECHT L

Number of Countries: 095 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200120535	A2	20010322	WO 2000US25247	A	20000914	200125 B
AU 200074881	A	20010417	AU 200074881	A	20000914	200140
EP 1221126	A2	20020710	EP 2000963469	A	20000914	200253
			WO 2000US25247	A	20000914	
JP 2003509776	W	20030311	WO 2000US25247	A	20000914	200319
			JP 2001524043	A	20000914	
CN 1390332	A	20030108	CN 2000815674	A	20000914	200334

Priority Applications (No Type Date): US 99397335 A 19990914; US 99154149 P 19990914

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200120535 A2 E 83 G06F-019/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200074881 A G06F-019/00 Based on patent WO 200120535

EP 1221126 A2 E G06F-019/00 Based on patent WO 200120535

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI  
JP 2003509776 W 80 G06F-017/30 Based on patent WO 200120535  
CN 1390332 A G06F-019/00

Abstract (Basic): WO 200120535 A2

NOVELTY - Searching a catalog, comprising related biological data using a probe sequence to obtain a search result listing displayed in graphical form showing relationship between the probe and each region of a protein sequence, is new. The required region is selected and a graphical representation of a sequence of various regions along with its amino acid range is displayed.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) a computer system for searching and displaying biological data so that patterns in the evolutionary relationships between genomic sequences can be explored, comprising:

(a) input means for selecting at least one catalog comprising an organized body of related biological data;

(b) processing means for searching the catalog using a probe sequence to obtain a listing of search results displayed in graphical form showing the relationship between the probe sequence and each protein sequence region, that is evolutionarily related to the probe sequence;

(c) input means for selecting a region of interest from the search results listing; and

(d) display means for displaying a family comprising a set of all sequences having the selected region, each sequence of the set includes a graphical representation of the regions of the sequence along its amino acid range;

(2) a graphical user interface for searching and displaying biological data so that patterns in the evolutionary relationships between genomic sequences can be explored, comprising:

(a) a display area for selecting at least one catalog comprising an organized body of related data;

(b) a display area for searching the catalog using a probe sequence;

(c) a display area providing a listing of search results displayed in graphical form which shows the relationship between the probe sequence and each protein sequence region that is related to it;

(d) a display area for displaying a family which comprises a set of all sequences having the selected region, each sequence of the set includes a corresponding graphical representation of the regions of the sequence along its amino acid range;

(3) a graphical user interface for displaying biological data so that patterns in the evolutionary relationships between genomic sequences can be explored, comprising a display area for displaying a family containing a set of all sequences having a selected region of a protein sequence, each sequence in the set including a two-dimensional spatially oriented graphical representation of the various regions of the sequence along its amino acid range;

(4) a computer readable media containing program instructions for displaying data on a display device of a computer system, where the data is obtained from tables in a database associated with the computer system, and comprising:

(a) a computer program code for selecting at least one catalog which contains an organized body of related biological data;

(b) a program code for searching the catalog using a probe sequence to obtain a listing of search results displayed in graphical form showing the relationship between the probe sequence and each region of a protein sequence evolutionarily related to the probe sequence;

(c) computer program code for selecting a region of interest from the search results listing; and

(d) a computer program code for displaying a family comprising a set of all sequences having the selected region;

(5) a computerized storage and retrieval system of biological information comprising a data storage means for storing data in a relational database containing tables, each table has a domain of at least one attribute in common with at least one other table, the tables store all amino acid sequences available in the database, all catalogs available in the database, all annotations of all families, all families of all catalogs, all regions of all catalogs, all profiles of all families, all annotations of all sequences in the database, all types of sequence annotations in the database, all sequence databases available in the database, and all indexed keys of a sequence;

(6) a computer system for storing and retrieving biological data, comprising a database comprising interrelated tables, each containing an attribute having a common domain with an attribute of at least one other table in the database, and means for viewing patterns in the evolutionary relationships between genomic sequences on the basis of the data stored in the database;

(7) a computer system for storing and retrieving biological data, comprising a database comprising interrelated tables, and means for viewing patterns in the evolutionary relationships between genomic sequences on the basis of stored data; and

(8) graphically representing on a display device information about long distance homology between modules, each comprising a common subsequence, comprising:

(a) selecting a module of interest; and

(b) displaying a set of all proteins in a database possessing the module, each protein in the set having a graphical view of its modules, where the selected module and other homologous modules at analogous positions are visually distinguished.

USE - For searching and displaying biological data in bioinformatics.

ADVANTAGE - The method allows users to directly use the data returned by one or more queries as the basis for making additional queries. Access to all of the information on a given topic is possible resulting in the discovery of new data connections and relationships. The user is able to more efficiently and effectively review related biological information.

DESCRIPTION OF DRAWING(S) - The drawing shows a navigation flow chart of a method of searching and displaying biological data.

pp; 83 DwgNo 6/20

Title Terms: BIOLOGICAL; DATA; SEARCH; DISPLAY; COMPRISE; DISPLAY;

GRAPHICAL; REPRESENT; MODULE; SELECT; LIST; OBTAIN; SEARCH; CATALOGUE; PROBE; SEQUENCE

Derwent Class: B04; D16; T01

International Patent Class (Main): G06F-017/30; G06F-019/00

International Patent Class (Additional): C12M-001/00

File Segment: CPI; EPI

9/5/16 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013576195 \*\*Image available\*\*

WPI Acc No: 2001-060402/ 200107

XRPX Acc No: N01-045200

Internet based multi-broker connectivity system for on-line trading, receives user request in predetermined format, which is then processed

Patent Assignee: BI F (BIFF-I)

Inventor: BABBIDGE J K; BI F; BLISS S; COPPENS W E; KOLT A J; YAN H; ZHOU G

Number of Countries: 084 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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WO 200054191	A1	20000914	WO 99CN31	A	19990308	200107	B
AU 9932454	A	20000928	AU 9932454	A	19990308	200107	
			WO 99CN31	A	19990308		

Priority Applications (No Type Date): WO 99CN31 A 19990308

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200054191 A1 E 47 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9932454 A G06F-017/60 Based on patent WO 200054191

Abstract (Basic): WO 200054191 A1

NOVELTY - The processing layer adaptively interfaced to a specific broker system, receives corresponding request in predetermined format, so as to process a certain class on the received request. The processed result is sent in the same format to presentation layer which presents a deformatted result to request center.

DETAILED DESCRIPTION - The messaging layer that transmits user request in a format which includes sender and receiver ID to predetermined receiver specified by receiver ID, includes server and client units with a virtual bus formed in-between. The format includes hierarchic levels of user ID, processor ID and request in the form of hashtable. The presenting unit that presents deformatted result to request sender is a component in web server for generating web pages. The processor comprises API layers for calling respective processing functions, and a result information translator. INDEPENDENT CLAIMS are also included for the following:

(a) method for networking users to processing systems;

(b) common connectivity system adapting method for many processing systems

~~USE~~ For e-commerce technology, on-line trading system, via internet, multiprocessing networking system, etc., for ticket ordering, purchasing, securities trading, card trading, etc.

ADVANTAGE - Since the web server component presents the processed request in deformatted version to request sender, sophisticated technical service between end users and broker systems is possible, thereby providing on-line trading functionality of different broker systems at the same website, and enabling business transactions at front end, independent of back end technology.

DESCRIPTION OF DRAWING(S) - The figure shows the architecture of internet based multi-broker connectivity system.

pp; 47 DwgNo 4/10

Title Terms: BASED; MULTI; CONNECT; SYSTEM; LINE; TRADE; RECEIVE; USER; REQUEST; PREDETERMINED; FORMAT; PROCESS

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

9/5/17 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013509308 \*\*Image available\*\*

WPI Acc No: 2000-681254/ 200067

XRPX Acc No: N00-504405

System for ranking search results obtained from information retrieval system has search pre-processor, responsive to a search query, and determines context of search query by comparing terms in the search query with user context profile



Patent Assignee: XEROX CORP (XERO )  
Inventor: CHIDLOVSKI B; GLANCE N S; GRASSO A; CHIDLOVSKII B  
Number of Countries: 026 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1050830	A2	20001108	EP 2000303613	A	20000428	200067 B
US 6327590	B1	20011204	US 99305435	A	19990505	200203

Priority Applications (No Type Date): US 99305435 A 19990505

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1050830	A2	E	11	G06F-017/30	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
US 6327590	B1			G06F-017/30	

Abstract (Basic): EP 1050830 A2

NOVELTY - Search pre-processor (30) compares terms in search query with predetermined user context profile, e.g. user identity. Search engine, generates search result comprising at least one item obtained from information retrieval system. Post-processor (40) responsive to non-empty search results, ranks each item returned in the search result according to context of search query.

DETAILED DESCRIPTION - Search pre-processor takes query (102) from user (100) and applies a predetermine user context profile to determine the context of **search query**. Results from **search query**, which generally include hierarchically-ranked **search results** based on **query**, are returned by various search engines or meta search engines (80) by searching information **retrieval** system, such as Internet, and the **results** are ranked by **search** post-processor and **provided** to the user **in form** of ranked documents (124).

AN INDEPENDENT CLAIM is made for a method of ranking search results obtained from an information retrieval system.

USE - In distributed operating environment, such as World Wide Web containing network of distributed servers, and may be implemented in software using software development environments that provide portable source code that can be used on a variety of hardware platforms. Alternatively system may be used partially or fully in hardware using standard logic circuits.

ADVANTAGE - Provides an architecture that allows methods to work together in support of community based relevance feedback, and provides ability to rank results returned across several search engines and ability to take into account user's context through use of user, community or expert user profiles.

DESCRIPTION OF DRAWING(S) - Drawing shows block diagram of system for ranking search results obtained from information retrieval system in accordance with predetermined context profile.

Search engine (20)  
Search pre-processor (30)  
Search post-processor (40)  
Meta-search engine (80)  
User (100)  
Query from user (102)  
Ranked documents (124)  
pp; 11 DwgNo 2/2

Title Terms: SYSTEM; RANK; SEARCH; RESULT; OBTAIN; INFORMATION; RETRIEVAL;  
SYSTEM; SEARCH; PRE; PROCESSOR; RESPOND; SEARCH; QUERY; DETERMINE;  
CONTEXT; SEARCH; QUERY; COMPARE; TERM; SEARCH; QUERY; USER; CONTEXT;  
PROFILE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

DIALOG(R) File 350:Derwent WPIX  
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012445154     \*\*Image available\*\*  
WPI Acc No: 1999-251262/ 199921  
XRPX Acc No: N99-187872

Modification registration notification system of an electronic mail address used in computer network e.g. internet - acquires search result output form containing e-mail address after modification from database, and transmits search result output form to search user

Patent Assignee: JINTEKKU KK (JINT-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11074931	A	19990316	JP 97236005	A	19970901	199921 B

Priority Applications (No Type Date): JP 97236005 A 19970901

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11074931	A	7	H04L-012/54	

Abstract (Basic): JP 11074931 A

NOVELTY - The search result output form, containing the e-mail address after modification, is acquired from a database (3) and transmitted to a search user. DETAILED DESCRIPTION - A registration form is transmitted to a registration user, who wants to register the modification of his own e-mail address, in response to the demand of the registration user. The registration form before and after the modification by the registration user is written is received and stored in the database. A search condition input form is transmitted in response to the demand of a search user who searches for the e-mail address after the modification of the registration user. The search condition input form, on which the e-mail address used as a search object is written, is received and stored in the database. The e-mail address functioning as the search object and the e-mail address after modification corresponding to the search object are then acquired from the database.

USE - Used in computer network e.g. internet.

ADVANTAGE - Improves efficiency since address modification is indicated and e-mail address modification is evaluated. Protects personal data of registration user since range of user searching for e-mail address is limited. DESCRIPTION OF DRAWING(S) - The figure shows the schematic block diagram of the modification registration notification system built in an internet. (3) Database.

Dwg.1/9

Title Terms: MODIFIED; REGISTER; NOTIFICATION; SYSTEM; ELECTRONIC; MAIL; ADDRESS; COMPUTER; NETWORK; ACQUIRE; SEARCH; RESULT; OUTPUT; FORM; CONTAIN; MAIL; ADDRESS; AFTER; MODIFIED; DATABASE; TRANSMIT; SEARCH; RESULT; OUTPUT; FORM; SEARCH; USER

Derwent Class: T01; W01

International Patent Class (Main): H04L-012/54

International Patent Class (Additional): G06F-013/00; G06F-017/30;

H04L-012/58

File Segment: EPI

9/5/20     (Item 16 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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012182639     \*\*Image available\*\*  
WPI Acc No: 1998-599552/ 199851  
XRPX Acc No: N98-466942

Information retrieval post-processing method - involves acquiring selection input from user based on text explaining difference of search

result and offers information relevant to search result corresponding to selection input

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10269226	A	19981009	JP 9772148	A	19970325	199851 B

Priority Applications (No Type Date): JP 9772148 A 19970325

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10269226	A	11	G06F-017/30	

Abstract (Basic): JP 10269226 A

The method involves extracting the difference between the retrieved search results which are in the form of homonym. A text explaining the difference is generated.

A selection input corresponding to the generated text is acquired from a user. The information relevant to the search result which corresponds to the selection input is offered to the user.

ADVANTAGE - Enables to offer desired search result. Preserves interactivity with user.

Dwg.1/11

Title Terms: INFORMATION; RETRIEVAL; POST; PROCESS; METHOD; ACQUIRE; SELECT ; INPUT; USER; BASED; TEXT; DIFFER; SEARCH; RESULT; OFFER; INFORMATION; RELEVANT; SEARCH; RESULT; CORRESPOND; SELECT; INPUT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

File 8: Ei Compendex(R) 1970-2005/Mar W3  
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(c) 2005 BLDSC all rts. reserv.  
File 2: INSPEC 1969-2005/Mar W3  
(c) 2005 Institution of Electrical Engineers  
File 94: JICST-EPlus 1985-2005/Feb W2  
(c) 2005 Japan Science and Tech Corp(JST)  
File 483: Newspaper Abs Daily 1986-2005/Mar 30  
(c) 2005 ProQuest Info&Learning  
File 6: NTIS 1964-2005/Mar W3  
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File 144: Pascal 1973-2005/Mar W3  
(c) 2005 INIST/CNRS  
File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info  
File 34: SciSearch(R) Cited Ref Sci 1990-2005/Mar W3  
(c) 2005 Inst for Sci Info  
File 99: Wilson Appl. Sci & Tech Abs 1983-2005/Feb  
(c) 2005 The HW Wilson Co.  
File 583: Gale Group Globalbase(TM) 1986-2002/Dec 13  
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File 266: FEDRIP 2005/Jan  
Comp & dist by NTIS, Intl Copyright All Rights Res  
File 95: TEME-Technology & Management 1989-2005/Feb W3  
(c) 2005 FIZ TECHNIK  
File 438: Library Lit. & Info. Science 1984-2005/Feb  
(c) 2005 The HW Wilson Co

Set	Items	Description
S1	11828779	RESULT? ? OR ANSWER? ? OR HIT OR HITS
S2	779202	(WITHIN OR INSIDE OR IN) (5W) (FORM OR FORMS)
S3	26991	CONTAIN??? (5N) (FORM OR FORMS)
S4	7898	S1(5N)S2:S3(5N) (SEND??? OR SENT OR TRANSMIT? OR TRANSMISSION OR TRANSFER? OR FORWARD??? OR DELIVER? OR RETRIEV? OR OBTAIN??? OR FETCH??? OR RETURN??? OR RECEIV??? OR PROVID???)
S5	59	S4 AND (S1(5N) (SEARCH OR QUERY OR QUERIE? ? OR REQUEST?) OR RESULTS() (PAGE OR SCREEN OR LIST OR LISTING))
S6	38	RD (unique items)
S7	20	S6 NOT PY=2002:2005

7/5/1 (Item 1 from file: 8)  
DIALOG(R) File 8: Ei Compendex(R)  
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05706455 E.I. No: EIP00115409753

Title: **Tabular and textual methods for selecting objects from a group**  
Author: Pane, John F.; Myers, Brad A.  
Corporate Source: Carnegie Mellon Univ, Pittsburgh, PA, USA  
Conference Title: 2000 IEEE International Symposium on Visual Languages  
(VL2000)  
Conference Location: Seattle, WA, USA Conference Date:  
20000910-20000913  
Sponsor: IEEE Computer Society; University of Washington  
E.I. Conference No.: 57555  
Source: IEEE Symposium on Visual Languages, Proceedings 2000. IEEE, Los  
Alamitos, CA, USA. p 157-164  
Publication Year: 2000  
CODEN: PIVLFQ ISSN: 1049-2615  
Language: English  
Document Type: CA; (Conference Article) Treatment: T; (Theoretical)  
Journal Announcement: 0012W4

Abstract: The accurate formulation of boolean expressions is a notorious problem in programming languages and database query tools. This paper studies the ways that untrained users naturally express and interpret queries, revealing some of the underlying reasons why this task is so difficult. Among the study's findings are: people interpret the word AND to mean either conjunction or disjunction depending on context, the scope to which they attribute the word NOT depends on whether the subsequent operator is AND or OR, and they often ignore parenthesis. Therefore, relying on these words and symbols for query formulation will result in poor usability. A tabular query form is proposed that avoids the need to name the operators, provides a clear distinction between conjunction and disjunction, and makes grouping more explicit. Comparing the tabular language with textual boolean expressions, the study finds that untrained users perform better when they express their queries in the tabular language, and about equally well when interpreting queries written in either language. We conclude that systems may benefit by adopting a tabular notation for query formulation. (Author abstract) 23 Refs.

Descriptors: \*Boolean functions; Computer programming languages; Database systems; Program interpreters; Human computer interaction

Identifiers: Tabular-textual methods  
Classification Codes:  
723.1.1 (Computer Programming Languages)  
721.1 (Computer Theory, Includes Formal Logic, Automata Theory, Switching Theory, Programming Theory); 921.1 (Algebra); 723.1 (Computer Programming); 723.3 (Database Systems); 461.4 (Human Engineering)  
721 (Computer Circuits & Logic Elements); 921 (Applied Mathematics);  
723 (Computer Software); 461 (Biotechnology)  
72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS); 46 (BIOENGINEERING)

7/5/2 (Item 2 from file: 8)  
DIALOG(R) File 8: Ei Compendex(R)  
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04453948 E.I. No: EIP95042659605

Title: **Cooperation model for video-document retrieval**  
Author: Simonnot, Brigitte  
Corporate Source: Cent. de Recherche en Informatique de Nancy, Vandoeuvre-les-Nancy Cedex, Fr  
Conference Title: Storage and Retrieval for Image and Video Databases III  
Conference Location: San Jose, CA, USA  
Sponsor: SPIE - Int Soc for Opt Engineering, Bellingham, WA USA  
E.I. Conference No.: 22192

Source: Proceedings of SPIE - The International Society for Optical Engineering v 2420 1995. Society of Photo-Optical Instrumentation Engineers, Bellingham, WA, USA. p 307-317

Publication Year: 1995

CODEN: PSISDG ISSN: 0277-786X ISBN: 0-8194-1767-X

Language: English

Document Type: CA; (Conference Article) Treatment: T; (Theoretical); A; (Applications)

Journal Announcement: 9609W3

Abstract: Information retrieval in video document archives presents specific issues. One of them is that a video document contains a large amount of information and can be seen under different aspects. We propose an information retrieval process model based on the cooperation between different specialists: specialists in the application domain, specialists of the media, and specialists in information retrieval. Each specialist has a proper point of view on documents, a partial knowledge which can be exploited in the query interpretation and during the search, and a particular role to play in the different stages of the retrieval process. A faceted data model helps to refine documents descriptions and search results. Each facet can be linked to one structure level of video documents. During the retrieval process, a flexible collaboration between several information retrieval experts is set up to deal with the different aspects of documents and query descriptions and to improve retrieval performance. A prototype, using the MHEG standard, is being implemented to retrieve TV news sequences and to present search results in a hypermedia form. 11 Ref.

Descriptors: \*Information retrieval systems; Video signal processing; Query languages; Standards; Television

Identifiers: Hypermedia; Television news sequences; Video document archives; MHEG standard

Classification Codes:

723.1.1 (Computer Programming Languages)

903.3 (Information Retrieval & Use); 716.4 (Television Systems & Equipment); 902.2 (Codes & Standards); 723.1 (Computer Programming)

903 (Information Science); 716 (Radar, Radio & TV Electronic Equipment); 902-- (Engineering Graphics & Standards); 723 (Computer Software)

90 (GENERAL ENGINEERING); 71 (ELECTRONICS & COMMUNICATIONS); 72-- (COMPUTERS & DATA PROCESSING)

7/5/3 (Item 3 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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04175518 E.I. No: EIP95052724583

Title: Efficient processing of nested fuzzy SQL queries

Author: Yang, Qi; Liu, Chengwen; Wu, Jing; Yu, Clement; Dao, Son; Nakajima, Hiroshi

Corporate Source: Univ of Illinois at Chicago, Chicago, IL, USA

Conference Title: Proceedings of the 1995 IEEE 11th International Conference on Data Engineering

Conference Location: Taipei, Taiwan Conference Date: 19950306-19950310

Sponsor: IEEE; National Tsing Hua University

E.I. Conference No.: 43044

Source: Proceedings - IEEE International Conference on Data Engineering 1995. IEEE, Los Alamitos, CA, USA. p 131-138

Publication Year: 1995

CODEN: 002055 ISSN: 1063-6382

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications)

Journal Announcement: 9507W4

Abstract: Fuzzy databases have been introduced to deal with uncertain or incomplete information in many applications. The efficiency of processing fuzzy queries in fuzzy databases is a major concern. We provide techniques to unnest nested fuzzy queries of two blocks in fuzzy databases. We show

both theoretically and experimentally that unnesting improves the performance of nested queries significantly. The results obtained in the paper form the basis for unnesting fuzzy queries of arbitrary blocks in fuzzy databases. (Author abstract) 17 Refs.

Descriptors: \*Query languages; Fuzzy sets; Efficiency; Relational database systems; Sorting; Merging; Response time (computer systems)

Identifiers: Fuzzy databases; Fuzzy queries; Fuzzy logic

Classification Codes:

723.3 (Database Systems); 921.4 (Combinatorial Mathematics, Includes Graph Theory, Set Theory); 723.2 (Data Processing); 722.4 (Digital Computers & Systems)

723 (Computer Software); 921 (Applied Mathematics); 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS)

7/5/4 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01160258 ORDER NO: AAD91-15451

**QUERY PROCESSING WITH DATABASE SEMANTICS (SEMANTIC QUERY OPTIMIZATION)**

Author: LEE, REI-CHI

Degree: PH.D.

Year: 1990

Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, LOS ANGELES (0031)

Chair: WESLEY W. CHU

Source: VOLUME 52/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 345. 145 PAGES

Descriptors: COMPUTER SCIENCE

Descriptor Codes: 0984

Two issues of database query processing are addressed in this thesis: optimization and representation. Optimization is concerned with query processing techniques to quickly obtain answers from the database; and representation is concerned with query and answer representation between the users and the database systems.

Conventional query processing takes a domain-independent approach to determine the optimal access plan for retrieving the answer. Semantic query optimization (SQO) uses knowledge and semantic reasoning to transform queries into more efficient representations for processing. Integrity constraints (IC) have been used as semantic knowledge for SQO. However, since the purpose of IC is to ensure database integrity, these constraints are often specified in a very general way. As a result, they are of limited value for SQO. Furthermore, acquiring the set of integrity constraints is also a problem. The first part of the thesis presents a model-based learning technique, based on a Knowledge-based Entity-Relationship (KER) model and rule induction techniques, that learns a set of If-then rules from the database contents. Our experimental results show that not all the semantic knowledge is useful for query improvements. The second part of the thesis presents a database restructuring technique, based on type hierarchy and induced rules, which restructures databases to provide a more effective environment for SQO.

Conventional query answers usually are in the form of listing all the instances that satisfy the query. An intensional answer provides characteristics that characterize the extensional answers which gives a summarized description about the answers. The third part of the thesis presents an approach that uses induced knowledge and type inference to derive intensional answers. In a conventional query processing environment, queries have to be rigidly specified and only data satisfy the query will be considered as answers. Cooperative query processing allows vague queries to be specified and approximates data to be provided as answers when the exact answer is not available. The last part of this thesis presents an approach of using type abstraction hierarchy to provide

cooperative answers.

7/5/5 (Item 1 from file: 2)  
DIALOG(R) File 2:INSPEC  
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7213771 INSPEC Abstract Number: C2002-04-7330-336

Title: A search engine for remote database-aided interpretation of digitized mammograms

Author(s): Ornes, C.; Valentino, D.J.; Hong-Jun Yoon; Eisenman, J.I.; Sklansky, J.

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA)  
vol.4323 p.132-7

Publisher: SPIE-Int. Soc. Opt. Eng,

Publication Date: 2001 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(2001)4323L:132:SERD;1-9

Material Identity Number: C574-2001-286

U.S. Copyright Clearance Center Code: 0277-786X/01/\$15.00

Conference Title: Medical Imaging 2001: PACS and Integrated Medical Information Systems: Design and Evaluation

Conference Sponsor: SPIE

Conference Date: 20-22 Feb. 2001 Conference Location: San Diego, CA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: Describes a query-by-content search engine that enables a radiologist to search a large database of diagnostically-proven ("benign" or "malignant") mammographic regions of interest (ROIs). The database search is facilitated by a relational map which is a 2D display of all the ROIs in the database. Labeled points on the map represent ROIs in the database. The map is constructed from the output of a neural network that has been trained to cluster the ROIs in the database using a measure of perceptual similarity. To use the search facility of our computer-aided diagnosis system, a radiologist selects a ROI from a digitized mammogram and submits the ROI as a query to the search engine. The search engine first maps the query ROI to its appropriate location on the relational map. The search engine then retrieves the ROIs that are closest to the query ROI on the relational map. These retrieved ROIs are from the same cluster on the relational map. The results of the search are presented to the radiologist in the form of the retrieved ROIs, along with related information, such as biopsy results and patient age. The radiologist can also perform an unrestricted search by selecting any point on the relational map. The search engine then returns the closest ROIs to the selected point. The search engine is implemented using a three-layer distributed architecture. The first layer is a Java-based user interface that allows a radiologist to view a digital mammogram, to enhance the mammogram, to select a ROI and to query the database. The second layer is a Web server that generates HTML for the Web client and provides access to the image processing algorithms, the neural network, and the image search functions. The third layer is a remote database containing the ROIs and associated patient information. The embedding of this search engine into an integrated diagnostic system may help the radiologist to incorporate subtle image relationships into the diagnostic process, which in turn may lead to improved diagnostic accuracy. (5 Refs)

Subfile: C

Descriptors: content-based retrieval; file servers; image retrieval; mammography; medical information systems; neural nets; PACS; search engines; software architecture; user interfaces

Identifiers: query-by-content search engine; remote database-aided mammogram interpretation; digitized mammograms; large database; diagnostically proven mammographic regions of interest; relational map;



labeled points; neural network; clustering; perceptual similarity; computer-aided diagnosis system; radiology; unrestricted search; three-layer distributed architecture; Java-based user into-face; Web server ; HTML; image processing algorithms; image search functions; remote database; patient information; integrated diagnostic system; subtle image relationships; diagnostic accuracy

Class Codes: C7330 (Biology and medical computing); C7250N (Search engines); C7210N (Information networks); C6160S (Spatial and pictorial databases); C5290 (Neural computing techniques)

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7/5/6 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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7153222 INSPEC Abstract Number: C2002-02-7250N-017

Title: CROWSE: a system for organizing repositories and Web search results

Author(s): Kinshuman; Sarkar, S.

Author Affiliation: Microsoft Corp., Redmond, WA, USA

Journal: SIGIR Forum spec. issue. p.457

Publisher: ACM,

Publication Date: 2001 Country of Publication: USA

CODEN: FASRDV ISSN: 0163-5840

SICI: 0163-5840(2001)L.457:CSOR;1-N

Material Identity Number: S278-2001-004

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Summary form only given. We present our software CROWSE (Clustering the Results of Web Search Engines) that produces a hierarchical topic-wise classification of results returned by a search engine. Most search engines return the results in the form of a linear list ranked in a user-independent manner. CROWSE uses unsupervised incremental classification and the user is presented with a tree-like structure which can be used to navigate quickly through the potentially large number of documents retrieved. It also provides facilities to the user to direct topic-wise organization by optionally letting them provide a seed taxonomy. Further, the system allows the flexibility of storing the results of multiple searches into a single resulting structure. The system also provides the user with a GUI to modify the taxonomy.

Subfile: C

Descriptors: information analysis; information resources; information retrieval; online front-ends

Identifiers: CROWSE; Clustering the Results of Web Search Engines; Web search results ; hierarchical topic-wise classification; search engine; unsupervised incremental classification; tree-like structure; topic-wise organization; seed taxonomy; GUI; repository organization

Class Codes: C7250N (Search engines); C7210N (Information networks); C7240 (Information analysis and indexing); C7250R (Information retrieval techniques)

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7/5/7 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

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6912219 INSPEC Abstract Number: C2001-06-6160S-003

Title: Retrieval from captioned image databases using natural language processing

Author(s): Elworthy, D.

Author Affiliation: Canon Res. Centre Eur., Guildford, UK

Conference Title: Proceedings of the Ninth International Conference on Information and Knowledge Management. CIKM 2000 p.430-7

Editor(s): Agah, A.; Callan, J.; Rundensteiner, E.  
Publisher: ACM, New York, NY, USA  
Publication Date: 2000 Country of Publication: USA xvi+532 pp.  
ISBN: 1 58113 320 0 Material Identity Number: XX-2000-03146  
U.S. Copyright Clearance Center Code: 1 58113 320 0/2000/0011...\$5.00  
Conference Title: Proceedings of Ninth International Conference on  
Information and Knowledge Management (CIKM)  
Conference Sponsor: ACM  
Conference Date: 6-11 Nov. 2000 Conference Location: McLean, VA, USA  
Language: English Document Type: Conference Paper (PA)  
Treatment: Practical (P)  
Abstract: At first sight, it might appear that natural language  
processing should improve the accuracy of information retrieval systems, by  
making available a more detailed analysis of queries and documents.  
Although past results appear to show that this is not so, if the focus is  
shifted to short phrases rather than full documents, the situation becomes  
somewhat different. The ANVIL system uses a natural language technique to  
obtain high accuracy retrieval of images which have been annotated with a  
descriptive textual caption. The natural language techniques also allow  
additional contextual information to be derived from the relation between  
the query and the caption, which can help users to understand the overall  
collection of retrieval results. The techniques have been successfully  
used in an information retrieval system which forms both a testbed  
for research and the basis of a commercial system. (15 Refs)  
Subfile: C  
Descriptors: image retrieval; information retrieval systems; natural  
languages; visual databases  
Identifiers: image retrieval; captioned image databases; natural language  
processing; information retrieval systems; queries; documents; ANVIL system  
; descriptive textual caption  
Class Codes: C6160S (Spatial and pictorial databases); C7250R (Information  
retrieval techniques); C5260B (Computer vision and image  
processing techniques); C6180N (Natural language processing)  
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7/5/8 (Item 4 from file: 2)  
DIALOG(R) File 2: INSPEC  
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6596666 INSPEC Abstract Number: C2000-06-7820-036  
Title: The QBIC project in the Department of Art and Art History at UC  
Davis  
Author(s): Holt, B.; Weiss, K.; Niblack, W.; Flicker, M.; Petkovic, D.  
Author Affiliation: California Univ., Davis, CA, USA  
Conference Title: ASIS'97. Proceedings of the 60th ASIS Annual Meeting  
1997. Vol.34. Digital Collections: Implications for Users, Funders,  
Developers and Maintainers p.189-95  
Publisher: Inf. Today, Medford, NJ, USA  
Publication Date: 1997 Country of Publication: USA xvii+409 pp.  
ISBN: 1 57387 048 X Material Identity Number: XX-1999-02805  
Conference Title: Proceedings of the 60th Annual Meeting of the American  
Society for Information Science (ASIS)  
Conference Date: 1-6 Nov. 1997 Conference Location: Washinton, DC, USA  
Language: English Document Type: Conference Paper (PA)  
Treatment: Applications (A); Practical (P)  
Abstract: The Art and Art History Department at the University of  
California at Davis is testing QBIC/sup TM/ (Query By Image Content, image  
query software from IBM) as a tool for managing and retrieving images from  
on-line collections of digitized artwork. We have created two QBIC image  
databases. One is a Web site linked to the department's home page that  
allows students and the public access to images of artists who are teaching  
in the department at Davis, and the other is a non-Web version that allows  
students access to a database of art images from an X-terminal in the Art  
Department Library. Art images are often difficult to describe precisely in

words, a limitation addressed by QBIC's ability to perform searches based on how an image looks. The user can perform queries based on example images. A thumbnail image is displayed, and the system can search for other images with similar color, texture or overall layout. The user can also use graphical tools to specify arbitrary characteristics such as a color histogram: 20% of a specific shade of blue, 30% of a shade of green. The search will return results in the form of thumbnail images arranged in descending order of match to the user's query. Text attributes such as the artist's name or media can also be used to restrict the search. The Web version of QBIC continues research funded by IBM that began in 1993 when the department began testing QBIC on a pilot database of art images from the department's heavily used slide library. (9 Refs)

Subfile: C

Descriptors: academic libraries; art; content-based retrieval; educational technology; history; information resources; library automation; visual databases

Identifiers: QBIC project; art database; art history; University of California; QBIC; Query By Image Content; IBM image query software; image database; online collections; digitized artwork; Web site; home page; X-terminal; academic library; image color; image texture; graphical tools; color histogram

Class Codes: C7820 (Humanities computing); C6160S (Spatial and pictorial databases); C7250R (Information retrieval techniques); C7210N (Information networks); C7210L (Library automation); C7810C (Computer-aided instruction)

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7/5/11 (Item 7 from file: 2)

DIALOG(R) File 2:INSPEC

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5371091 INSPEC Abstract Number: C9610-6160D-010

Title: Using description logics to generate answers in incomplete databases

Author(s): Bonnet, C.

Author Affiliation: Lab. d'Ingenierie des Syst. d'Inf., Inst. Nat. des Sci. Appliquees, Villeurbanne, France

Journal: Datalogiske Skrifter Conference, Title: Datalogiske Skr. (Denmark) no.62 p.219-37

Publisher: Univ. Roskilde,

Publication Date: 1996 Country of Publication: Denmark

ISSN: 0109-9779

SICI: 0109-9779(1996)62L:219:UDLG;1-8

Material Identity Number: E407-96002

Conference Title: 1996 Workshop on Flexible Query-Answering Systems (FQAS'96)

Conference Sponsor: Danish Nat. Sci. Found; Roskilde Univ

Conference Date: 22-24 May 1996 Conference Location: Roskilde, Denmark

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: The paper presents an approach for answer generation in relational databases with incomplete information in the form of null values. Answers are generated when the standard query evaluation returns an empty answer set or null values. This approach is based on the use of three important classes of integrity constraints: type constraints, inclusion constraints and implication constraints. Moreover, it applies a mechanism for attribute substitution to perform approximations. The generation process takes advantage of reasoning mechanisms and representation capabilities stemming from description logics. We have implemented our approach in the BACK knowledge representation system. (22 Refs)

Subfile: C

Descriptors: data integrity; inference mechanisms; knowledge representation; query processing; relational databases

Identifiers: answer generation; relational databases; incomplete databases; incomplete information; description logics; null values; query evaluation; empty answer set; integrity constraints; type constraints; inclusion constraints; implication constraints; attribute substitution; approximations; reasoning mechanisms; representation; BACK knowledge representation system

Class Codes: C6160D (Relational databases); C6170K (Knowledge engineering techniques); C6130 (Data handling techniques); C4250 (Database theory)

Copyright 1996, IEE

7/5/12 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

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5321197 INSPEC Abstract Number: C9608-7210L-024

**Title: Patents Online at the British Library**

Author(s): Ashpitel, S.

Journal: Law Librarian vol.27, no.2 p.84-5

Publisher: Sweet & Maxwell for British & Irish Assoc. Law Libr,

Publication Date: June 1996 Country of Publication: UK

CODEN: LALIE2 ISSN: 0287-4903

SICI: 0287-4903(199606)27:2L:84:POBL;1-3

Material Identity Number: M565-96003

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

**Abstract:** Patent specifications are a primary source of commercial and technical intelligence. The industrial property collection at the British Library is one of the finest in the world and includes over 38 million patent specifications from issuing authorities worldwide, together with a vast range of hard copy, microfiche and CD-ROM finding tools. As well as providing extensive guidance to users of the collection, the library also offers a fee-based patent research service, Patents Online. The paper discusses the features of Patents Online which is available to anyone with a need to locate and use patent information. It can provide data on patenting activity worldwide. Search results are usually in the form of references to individual patents or groups of related patents. The references include the procedural data linked to the patent (names, dates, numbers, etc) and in many cases a detailed English language summary of the technical content of the patent specification. (0 Refs)

Subfile: C

Descriptors: bibliographic systems; information services; library automation; patents; public libraries

Identifiers: patent specifications; Patents Online; British Library; industrial property; hard copy; microfiche; CD-ROM; user guidance; fee-based patent research service; **search results**; patent references; summary

Class Codes: C7210L (Library automation); C7250C (Bibliographic retrieval systems)

Copyright 1996, IEE

7/5/15 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03698426 INSPEC Abstract Number: C90058944

**Title: Extending the online public access catalog into the microcomputer environment**

Author(s): Sutton, B.

Author Affiliation: Graduate Sch. of Libr. & Inf. Sci., Illinois Univ., Urbana, IL, USA

Journal: Information Technology and Libraries vol.9, no.1 p.43-52

Publication Date: March 1990 Country of Publication: USA

CODEN: ITLBDC ISSN: 0730-9295

Language: English Document Type: Journal Paper (JP)  
Treatment: Practical (P)

Abstract: Online public access catalogs frequently lack efficient methods for **transferring the retrieved information into the user's possession in electronic form**. Downloading the **results** as a text file is one solution, but text files lack the flexibility of structured databases; using a microcomputer database management system, on the other hand, usually requires rekeying. The article describes PCBIS, a database program for MS-DOS microcomputers that features a utility for automatically converting OPAC **search results** stored as text files into structured database files that can be searched, sorted, edited, and printed. The article describes the basic structure of the program and discusses some of the processing problems involved. (4 Refs)

Subfile: C

Descriptors: bibliographic systems; cataloguing; database management systems; information retrieval; library automation; microcomputer applications

Identifiers: downloading; online public access catalog; microcomputer environment; retrieved information; electronic form; database management system; PCBIS; MS-DOS microcomputers; OPAC **search results**; text files; structured database files

Class Codes: C7210L (Library automation); C7250C (Bibliographic systems); C6160Z (Other DBMS)

7/5/16 (Item 12 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

02935701 INSPEC Abstract Number: C87049245

Title: **Information for chemists-a European viewpoint**

Author(s): Hyams, M.

Author Affiliation: Aslib, London, UK

Journal: ASLIB Proceedings vol.39, no.5 p.169-81

Publication Date: May 1987 Country of Publication: UK

CODEN: ASLPAO ISSN: 0001-253X

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The chemical information marketplace is a truly international one, in which Europeans play a very important part. The last few years have seen a dramatic increase in the use of chemical information systems which employ topological coding. These systems encode chemical structures by determining the shape of the molecule and the interconnections between the atoms. They allow you to input **search statements**, and **receive answers** in the form of the chemical structure diagram. (0 Refs)

Subfile: C

Descriptors: chemistry computing; information retrieval systems; information services

Identifiers: chemists; chemical information marketplace; chemical information systems; topological coding; chemical structures; molecule; atoms; chemical structure diagram

Class Codes: C7210 (Information services and centres); C7250 (Information storage and retrieval); C7320 (Physics and Chemistry)

7/5/19 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

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13808535 PASCAL No.: 98-0523819

**Automatic extraction of keywords from scientific text : application to the knowledge domain of protein families**

ANDRADE M A; VALENCIA A

Protein Design Group, CNB-CSIC, Cantoblanco, 28049 Madrid, Spain

Journal: Bioinformatics, 1998, 14 (7) 600-607

ISSN: 1367-4803 Availability: INIST-21331; 354000071125690060

No. of Refs.: 24 ref.

Document Type: P (Serial) ; A (Analytic)

Country of Publication: United Kingdom

Language: English

Motivation: Annotation of the biological function of different protein sequences is a time-consuming process currently performed by human experts. Genome analysis tools encounter great difficulty in performing this task. Database curators, developers of genome analysis tools and biologists in general could benefit from access to tools able to suggest functional annotations and facilitate access to functional information. Approach: We present here the first prototype of a system for the automatic annotation of protein function. The system is triggered by collections of abstracts related to a given protein, and it is able to extract biological information directly from scientific literature, i.e. MEDLINE abstracts. Relevant keywords are selected by their relative accumulation in comparison with a domain-specific background distribution. Simultaneously, the most representative sentences and MEDLINE abstracts are selected and presented to the end-user. Evolutionary information is considered as a predominant characteristic in the domain of protein function. Our system consequently extracts domain-specific information from the analysis of a set of protein families. Results: The system has been tested with different protein families, of which three examples are discussed in detail here. 'ataxia-telangiectasia associated protein', 'ran GTPase' and 'carbonic anhydrase'. We found generally good correlation between the amount of information provided to the system and the quality of the annotations. Finally, the current limitations and future developments of the system are discussed. Availability: The current system can be considered as a prototype system. As such, it can be accessed as a server at <http://columba.ebi.ac.uk:8765/andrade/abx>. The system accepts text related to the protein or proteins to be evaluated (optimally, the result of a MEDLINE search by keyword) and the results are returned in the form of Web pages for keywords sentences and s. Supplementary information: Web pages containing full information on the examples mentioned in the text are available at: [http://www.cnb.uam.es/similar\\_cnbprot/keywords/](http://www.cnb.uam.es/similar_cnbprot/keywords/) Contact: [valencia@cnb.uam.es](mailto:valencia@cnb.uam.es)

English Descriptors: Protein; Automatic indexing; Keyword; Statistical analysis

Broad Descriptors: Computerized processing; Biological macromolecule; Traitement informatique; Macromolecule biologique; Tratamiento informatico; Macromolecula biologica

French Descriptors: Proteine; Indexation automatique; Mot cle; Analyse statistique

Classification Codes: 002A01B

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7/5/20 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2005 Inst for Sci Info. All rts. reserv.

04392922 Genuine Article#: TA191 Number of References: 22

Title: GENESEE-NET - INTERNET-BASED SERVER FOR ANALYZING BIOPOLYMERS  
STRUCTURE

Author(s): BRODSKY LI; IVANOV VV; KALAYDZIDIS YL; LEONTOVICH AM; NIKOLAEV VK; FERANCHUK SI; DRACHEV VA

Corporate Source: SMALL SCI MFG ENTERPRISE GENDALPH/MOSCOW 119899//RUSSIA/  
MOSCOW MV LOMONOSOV STATE UNIV,BELOZERSKY INST PHYSICOCHEM BIOL/MOSCOW  
119899//RUSSIA/

Journal: BIOCHEMISTRY-MOSCOW, 1995, V60, N8 (AUG), P923-928

ISSN: 0006-2979

Language: ENGLISH Document Type: ARTICLE

Geographic Location: RUSSIA

Subfile: SciSearch; CC LIFE--Current Contents, Life Sciences

Journal Subject Category: BIOCHEMISTRY & MOLECULAR BIOLOGY

Abstract: This work describes a network server for searching databanks of biopolymer structures and performing other biocomputing procedures; it is available via direct Internet connection. Basic server procedures are dedicated to homology (similarity) search of sequence and 3D structure of proteins. The homologies found could be used to build multiple alignments, predict protein and RNA secondary structure, and construct phylogenetic trees. In addition to traditional methods of sequence similarity search, the authors propose 'non-matrix' (correlational) search. An analogous approach is used to identify regions of similar tertiary structure of proteins. Algorithm concepts and usage examples are presented for new methods. Service logic is based upon interaction of a client program and server procedures. The client program (GeneBee for IBM PC) allows the compilation of **queries** and the processing of **results** of an analysis. Without the client program it is possible to **send queries** via E-mail and examine **results in text form**. The server is available via E-mail as SERVE@INDY.GENEBEE.MSU.SU and also as WWW-server WWW.GENEBEE.MSU.SU.

File 348:EUROPEAN PATENTS 1978-2005/Mar W03

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20050324,UT=20050317

(c) 2005 WIPO/Univentio

Set	Items	Description
S1	1077047	RESULT? ? OR ANSWER? ? OR HIT OR HITS
S2	1073888	(WITHIN OR INSIDE OR IN) (5W) (FORM OR FORMS)
S3	132488	CONTAIN??? (5N) (FORM OR FORMS)
S4	5196	S1 (5N) S2: S3 (5N) (SEND??? OR SENT OR TRANSMIT? OR TRANSMISSION OR TRANSFER? OR FORWARD??? OR DELIVER? OR RETRIEV? OR OBTAIN??? OR FETCH??? OR RETURN??? OR RECEIV??? OR PROVID???)
S5	225	S4 (20N) (S1 (5N) (SEARCH OR QUERY OR QUERIE? ? OR REQUEST?) OR RESULTS () (PAGE OR SCREEN OR LIST OR LISTING))
S6	161	S5 AND IC=G06F
S7	39945	(WITHIN OR INSIDE) (7W) (FORM OR FORMS)
S8	308	S1 (5N) (S3 OR S7) (5N) (SEND??? OR SENT OR TRANSMIT? OR TRANSMISSION OR TRANSFER? OR FORWARD??? OR DELIVER? OR RETRIEV? OR OBTAIN??? OR FETCH??? OR RETURN??? OR RECEIV??? OR PROVID???)
S9	0	S1 (5N) (S3 OR S7) (5N) TRANSFERRING
S10	17	S8 (30N) (S1 (5N) (SEARCH OR QUERY OR QUERIE? ? OR REQUEST?) OR RESULTS () (PAGE OR SCREEN OR LIST OR LISTING))



10/3,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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00255805

Portable communication terminal for remote data query.

Tragbares Übertragungsendgerät für Datenfernabfrage.

Terminal de communication portatif pour interrogation de données à distance.

PATENT ASSIGNEE:

WANG LABORATORIES INC., (333560), One Industrial Avenue, Lowell, MA 01851  
, (US), (applicant designated states: BE;DE;FR;GB)

INVENTOR:

Dayton, Douglas C., 108 Harvard Depot Road, Harvard, MA. 01451, (US)

Bergeron, Richard, 16 Lancaster Drive, Londonderry, NH. 03053, (US)

Shriner, Donald R., 25 Scott Road, Harvard, MA. 01451, (US)

LEGAL REPRESENTATIVE:

Behrens, Dieter, Dr.-Ing. (1701), Wuesthoff & Wuesthoff Patent- und  
Rechtsanwälte Schweigerstrasse 2, D-81541 München, (DE)

PATENT (CC, No, Kind, Date): EP 251296 A2 880107 (Basic)

EP 251296 A3 890816

EP 251296 B1 931215

APPLICATION (CC, No, Date): EP 87109409 870630;

PRIORITY (CC, No, Date): US 880438 860630

DESIGNATED STATES: BE; DE; FR; GB

INTERNATIONAL PATENT CLASS: H04M-011/06;

ABSTRACT WORD COUNT: 194

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	666
CLAIMS B	(German)	EPBBF1	616
CLAIMS B	(French)	EPBBF1	758
SPEC-B	(English)	EPBBF1	5100
Total word count - document A			0
Total word count - document B			7140
Total word count - documents A + B			7140

...SPECIFICATION characters come from memory 52 rather than from keyboard 26.

Controller 50 responds to actuation of the SEND key by loading the message into a Temporary buffer 72 within memory 52, and counting the number of characters to be transmitted. A "count header" in the form of a packed decimal ACSII format number bracketed by two CD...

10/3,K/3 (Item 1 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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01175745 \*\*Image available\*\*

SEARCH ENGINE SUPPLEMENTED WITH URL'S THAT PROVIDE ACCESS TO THE SEARCH RESULTS FROM PREDEFINED SEARCH QUERIES

MOTEUR DE RECHERCHE COMPLETE D'URL QUI ASSURENT L'ACCES A DES RESULTATS DE RECHERCHE OBTENUS A PARTIR DE DEMANDES DE RECHERCHE PREDEFINIES

Patent Applicant/Assignee:

OVERTURE SERVICES INC, 74 North Pasadena Avenue, 3rd Floor, Pasadena, CA 91103, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

GOURLAY Alastair, 185 Shiloh Court, Boulder Creek, CA 95006, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

RUBIN Steven (agent), Brown Raysman Millstein Felder & Steiner LLP, 900 Third Avenue, New York, NY 10022, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200497569 A2-A3 20041111 (WO 0497569)

Application: WO 2004US12814 20040423 (PCT/WO US04012814)

Priority Application: US 2003424172 20030425

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO  
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6481

Fulltext Availability:

Claims

Claim

... constructing a URL that has associated therewith the first search query and a display form for displaying search results generated using the first search query ;  
sending the LTRL to a second user;  
upon activation of the LJRL by the second user,  
submitting the first search query to a search engine;  
displaying query results received from the search engine within the display  
form incorporated in the LTRL;  
~~displaying a window for receiving a query refinement; and~~  
upon entry of a...

10/3,K/4 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01159922 \*\*Image available\*\*

VERIFIED PERSONAL INFORMATION DATABASE

BASE DE DONNEES D'INFORMATIONS PERSONNELLES VERIFIEES

Patent Applicant/Assignee:

INNOVATREND INC, 256 North Main Street, Alpine, UT 84004, US, US

(Residence), US (Nationality), (For all designated states except: US)

Inventor(s):

DICK Richard S, 460 Peach Tree Circle, Alpine, UT 84004, US,

Legal Representative:

KRIEGER Michael F (et al) (agent), Kirton & McConkie, 1800 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200481750 A2 20040923 (WO 0481750)

Application: WO 2004US7396 20040311 (PCT/WO US04007396)

Priority Application: US 2003433356 20030311

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO  
SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 9611

Fulltext Availability:  
Detailed Description

Detailed Description

... but are not limited to the person's address, place of birth, age, occupation and spouse. Matching **search results** from the database are posted on a results 1 0 screen and presented to subscriber. The **results screen** shows the **results** in an abbreviated **form**, each relevant entry **containing** a hypertext link which, when activated, **provides** a more complete view of the member information. The subscriber can then choose to print, save or deliver all or selected **results** from the **search**. The **results** can be saved directly to the computer the subscriber is using, or can be e-mailed or...

10/3,K/6 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01065510 \*\*Image available\*\*

DATA STORAGE SYSTEM INTERFACE  
INTERFACE DE SYSTEMES DE MEMOIRE DE DONNEES

Patent Applicant/Assignee:

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London EC1A 7AJ, GB, GB (Residence), GB (Nationality), (For all  
designated states except: US)

Patent Applicant/Inventor:

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GB, GB (Residence), GR (Nationality), (Designated only for: US)  
FISHER Michael Andreja, 87 Westerfield Road, Ipswich, Suffolk IP4 2XP, GB  
, GB (Residence), GB (Nationality), (Designated only for: US)  
BRADFORD Clare, 108 Tuddenham Road, Ipswich, Suffolk IP4 2SZ, GB, GB  
(Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

NASH Roger William (agent), BT Group Legal Intellectual Property  
Department, Holborn Centre, 8th Floor, 120 Holborn, London EC1N 2TE, GB

Patent and Priority Information (Country, Number, Date):

Patent: WO 200396221 A1 20031120 (WO 0396221)  
Application: WO 2003GB1973 20030508 (PCT/WO GB0301973)  
Priority Application: EP 2002253228 20020508

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE  
SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 10620

Fulltext Availability:  
Detailed Description

Detailed Description

```
... Query1-landler extends Datal-landler, Remote{
  //Vector contains Strings each representing one XML document that is a
  query hit .

  public Vector query (String xmiString) throws RernoteException;
} //End interface
The queryO method receives a string that represents the query expression.
QueryO executes the expression and returns a vector containing the
results in the form of strings, i.e. each string corresponds to a XML
document. Generally, every query handier needs to...
```

10/3,K/7 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01053557 \*\*Image available\*\*  
**ACCESSING DEEP WEB INFORMATION USING A SEARCH ENGINE**  
**METHODE D'ACCES A DES INFORMATIONS INTERNET PROFONDES FAISANT APPEL A UN**  
**MOTEUR DE RECHERCHE**

Inventor(s):

KASHA John R Jr, 7072 Falls Reach Drive, Falls Church, VA 22043, US,

Patent Applicant/Inventor:

MORCIZ Michael Z, 1575 Tenaka Place, Apt. H8, Sunnyvale, CA 94087, US, US  
(Residence), US (Nationality)

Legal Representative:

AUYEUNG Aloysius T C (et al) (agent), Schwabe, Williamson & Wyatt, P.C.,  
Pacwest Center, Suites 1600-1900, 1211 SW Fifth Avenue, Portland, OR  
97204, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO-200383643 A1 20031009 (WO 0383643)

Application: WO 2003US9188 20030325 (PCT/WO US0309188)

Priority Application: US 2002366817 20020325

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG  
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8647

Fulltext Availability:  
Detailed Description

Detailed Description

... HTTP request and the number and type of parameters required. Most of  
this information can

9

be obtained by examining the HTML within the FORM statement of the  
dynamically generated query answer page. Any additional information  
that is required may be found by executing some sample queries.  
Suppose that...

10/3,K/8 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00913750

SYSTEM AND METHOD FOR DISPLAYING AND SELLING GOODS AND SERVICES IN A RETAIL  
ENVIRONMENT EMPLOYING ELECTRONIC SHOPPER AIDS  
SYSTEME ET PROCEDE POUR AFFICHER ET VENDRE DES BIENS ET DES SERVICES DANS  
UN ENVIRONNEMENT DE VENTE AU DETAIL FAISANT APPEL A DES AIDES  
ELECTRONIQUES A L'ACHAT

Patent Applicant/Assignee:

THE PUGLIESE COMPANY, 2500 Military Trail, Suite 200, Boca Raton, FL  
33431, US, US (Residence), US (Nationality)

Inventor(s):

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PUGLIESE Anthony V IV, 1875 Lake Drive, Delray Beach, FL 33444, US,  
ANGULO Richard A, 511 N.W. 85th Way, Pembroke Pines, FL 33024, US,

Legal Representative:

BRUNDIDGE Carl I (agent), Antonelli, Terry, Stout & Kraus, LLP, Suite  
1800, 1300 N. Seventeenth Street, Arlington, VA 22209, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200247001 A2 20020613 (WO 0247001)

Application: WO 2001US44448 20011128 (PCT/WO US2001044448)

Priority Application: US 2000253112 20001128; US 2001823999 20010403; US  
2001994805 20011128

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

~~(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR~~

~~(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG~~

~~(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW~~

~~(EA) AM AZ BY KG KZ MD RU TJ TM~~

Publication Language: English

Filing Language: English

Fulltext Word Count: 22717

Fulltext Availability:

Detailed Description

Detailed Description

... The process identifies the XML form, performs preliminary validations  
and format checks and then registers the document within the inbound  
message queue 1230. Typical XML forms include external search  
results, inventory updates, catalog updates, delivery notification  
updates and other document communications from remote or external  
applications.

The acknowledge message receipt 1206 manages...

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Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200161555 A2-A3 20010823 (WO 0161555)

Application: WO 2001GB480 20010208 (PCT/WO GB0100480)

Priority Application: GB 20003411 20000215

Designated States:

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prior to 2004)

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Publication Language: English

Filing Language: English

Fulltext Word Count: 8107

English Abstract

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SYSTEM FOR INTERNATIONALIZATION OF SEARCH INPUT INFORMATION

SYSTEME POUR L'INTERNATIONALISATION D'INFORMATION D'ENTREE DE RECHERCHE

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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(Nationality), (Designated only for: US)

Legal Representative:

JVP-PALVELU OY, Torikatu 4, FIN-05800 Hyvinkaa, FI

Patent and Priority Information (Country, Number, Date):

Patent: WO 200103003 A1 20010111 (WO 0103003)

Application: WO 2000FI588 20000629 (PCT/WO FI0000588)

Priority Application: FI 991500 19990630

Designated States:

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TR TT TZ UA UG US UZ VN YU ZA ZW

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(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
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Publication Language: English

Filing Language: English

Fulltext Word Count: 3916

Fulltext Availability:

Claims

Claim

... server or on another server and which gives a more de5 tailed  
description of the company.  
The search result form 7 also contains subject-specific  
links 10 to sales advertisements 13 prepared and sent via  
an Internet connection to the service server by the companies themselves  
and containing more detailed information...

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SYSTEM AND METHOD FOR BILATERAL COMMUNICATION BETWEEN A USER AND A SYSTEM  
SYSTEME ET PROCEDE DE COMMUNICATION BILATERALE ENTRE UN UTILISATEUR ET UN  
SYSTEME

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200046792 A1 20000810 (WO 0046792)  
Application: WO 2000US2906 20000204 (PCT/WO US0002906)  
Priority Application: US 99118800 19990204; US 2000495722 20000201

Designated States:

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MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7974

Fulltext Availability:

Detailed Description

Detailed Description

... tokens in tokens-to-SQL section 143. In step 197, database I I I is  
searched to form result table 147 containing the information  
requested .

In step 199, result interpreter II 3 receives table 147 for additional data mining to interpret the results. In step 20 1, second language model...

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**GENOMIC KNOWLEDGE DISCOVERY**

**RECHERCHE DE CONNAISSANCES SUR LE GENOME**

Patent Applicant/Assignee:

GENE LOGIC INC,  
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SHI Qin,  
CARIASO Michael Contento,

Inventor(s):

STEWARD Keith Leroy,  
SHI Qin,  
CARIASO Michael Contento,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200015847 A2 20000323 (WO 0015847)

Application: WO 99US20449 19990908 (PCT/WO US9920449)

Priority Application: US 98100030 19980911

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM  
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM  
GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext-Word-Count: 19057

Fulltext Availability:  
Detailed Description

**Detailed Description**

... created by users. Alternatively or additionally, schemes may be updated automatically, for example in response to a query result in which data fields, which are not supported by the scheme, are retrieved or as a result of parsing a free-form query response, which response contains a relationship not covered by the existing scheme. The association of one or more particular schemes with...





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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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- ☐ Vehicular Technology, IEEE Transactions on  
Volume 47, Issue 4, Nov. 1998 Page(s):5 - 21  
[AbstractPlus](#) | Full Text: [PDF\(296 KB\)](#) IEEE JNL
- ☐ 8. **Author Index**  
Lightwave Technology, Journal of  
Volume 16, Issue 12, Dec. 1998 Page(s):2465 - 2506  
[AbstractPlus](#) | Full Text: [PDF\(668 KB\)](#) IEEE JNL
- ☐ 9. **1998 Index IEEE Signal Processing Letters Vol. 5**  
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Volume 5, Issue 12, Dec. 1998 Page(s):0\_4 - 0\_14  
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- ☐ 10. **Branch transition rate: a new metric for improved branch classification analysis**  
Haungs, M.; Sallee, P.; Farrens, M.;  
High-Performance Computer Architecture, 2000. HPCA-6. Proceedings. Sixth International Symposium on  
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- ☐ 11. **Single-track circuit codes**  
Hiltgen, A.P.; Paterson, K.G.;  
Information Theory, IEEE Transactions on  
Volume 47, Issue 6, Sept. 2001 Page(s):2587 - 2595  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(276 KB\)](#) IEEE JNL
- ☐ 12. **Author Index**  
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Volume 10, Issue 12, Dec. 1998 Page(s):1 - 25  
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- ☐ 13. **Subject Index**  
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- ☐ 14. **1998 Index**  
Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on [see also Circuits and Systems I: Regular  
Papers, IEEE Transactions on]  
Volume 45, Issue 12, Dec. 1998 Page(s):1261 - 1280  
[AbstractPlus](#) | Full Text: [PDF\(372 KB\)](#) IEEE JNL
- ☐ 15. **Author Index**  
Power Electronics, IEEE Transactions on  
Volume 13, Issue 6, Nov. 1998 Page(s):1 - 16  
[AbstractPlus](#) | Full Text: [PDF\(320 KB\)](#) IEEE JNL
- ☐ 16. **Subject Index**  
Magnetics, IEEE Transactions on  
Volume 34, Issue 6, Nov. 1998 Page(s):33 - 103  
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- ☐ Microwave and Guided Wave Letters, IEEE [see also IEEE Microwave and Wireless Components Letters]  
Volume 8, Issue 12, Dec. 1998 Page(s):492 - 505  
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- ☐ 18. Computer search for binary cyclic UEP codes of odd length up to 65  
Mao-Chao Lin; Chi-Chang Lin; Shu Lin;  
Information Theory, IEEE Transactions on  
Volume 36, Issue 4, July 1990 Page(s):924 - 935  
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- ☐ 19. 1998 Index IEE Journal Of Solid-state Circuits Vol. 33  
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Chessin, P.;  
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- ☐ 23. Formal parameters synthesis for track segments of a subway mesh  
Bonifacio, A.L.; Moura, A.V.; Camargo, J.B., Jr.; Almeida Junior, J.R.;  
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Stubblebine, S.G.; Wright, R.N.;  
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Volume 28, Issue 3, March 2002 Page(s):256 - 285  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(549 KB) IEEE JNL
- ☐ 25. Formant tracking using hidden Markov models and vector quantization  
Kopec, G.;  
Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on  
Volume 34, Issue 4, Aug 1986 Page(s):709 - 729  
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## 1. Automating workflows for service provisioning: integrating AI and database technologies

Huhns, M.N.; Singh, M.P.

Artificial Intelligence for Applications, 1994., Proceedings of the Tenth Conference on  
1-4 Mar 1994

Page(s): 405-411

**Summary:** Workflows are the structured activities that take place in information systems in typical business environments. These activities frequently involve several database systems, user interfaces, and application programs. Traditional database systems do .....[AbstractPlus](#) | Full Text: [PDF](#) IEEE CNF

## 2. IB (Integrated business): a workflow based integration approach

Espinosa, J.A.; Pulido, A.S.

System Sciences, 2002. HICSS. Proceedings of the 35th Annual Hawaii International Conference on  
7-10 Jan. 2002

Page(s): 2566- 2571

**Summary:** During the last years companies have been required to evolve towards flexible business processes in order to cope with different users' demands in rapid evolving markets. One of the ways selected to address this problem has been the use of Workflow .....[AbstractPlus](#) | Full Text: [PDF](#) IEEE CNF[View: 1-2](#) | [View Search Results](#) | [Back to top](#)Indexed by  
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